

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <b>UTU 73665</b>
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name <b>n/a</b>
2. Name of Operator <b>BILL BARRETT CORPORATION</b>		7. If Unit or CA Agreement, Name and No. <b>PRICKLY PEAR UNIT</b>
3a. Address <b>1099 18th Street, Suite 2300 Denver CO 80202</b>		8. Lease Name and Well No. <b>Prickly Pear Unit Fed #5-13-12-14</b>
3b. Phone No. (include area code) <b>(303) 312-8168</b>		9. API Well No. <b>43-007-31008</b>
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface <b>SWNW, 1582' FNL x 960' FWL 559802 X 39.77575</b> At proposed prod. zone <b>same 4402892 Y - 110.30171</b>		10. Field and Pool, or Exploratory <b>Prickly Pear Unit/Mesaverde Stone Cabin 45</b>
11. Sec., T. R. M. or Blk. and Survey or Area <b>Section 13-T12S-R14E S.L.B.&amp;M.</b>		12. County or Parish <b>Carbon</b>
13. State <b>UT</b>		14. Distance in miles and direction from nearest town or post office* <b>approximately 40 miles northeast of Wellington, Utah</b>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>1691'</b>	16. No. of acres in lease <b>960</b>	17. Spacing Unit dedicated to this well <b>160 acres</b>
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. <b>approx. 7800'</b>	19. Proposed Depth <b>9,580'</b>	20. BLM/BIA Bond No. on file <b>Nationwide Bond #WYB000040</b>
21. Elevations (Show whether DF, KDB, RT, GL, etc.) <b>7582' ungraded ground</b>	22. Approximate date work will start* <b>11/01/2004</b>	23. Estimated duration <b>60 days</b>

**24. Attachments**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

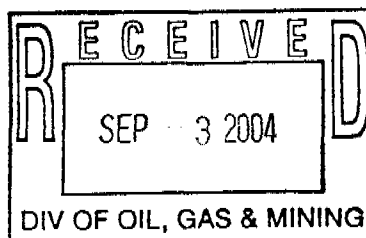
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|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature	Name (Printed/Typed) <b>Tracey Fallang</b>	Date <b>08/17/2004</b>
Title <b>Permit Analyst</b>		
Approved by (Signature)	Name (Printed/Typed)	Date
Title <b>Office</b>		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)



## DRILLING PLAN

BILL BARRETT CORPORATION

PRICKLY PEAR UNIT FEDERAL 5-13-12-14

Surface location: SWNW, 1582' & FNL 960' FWL, Section 13-T12S-R14E, .S.L.B.&M.  
Carbon County, Utah

### 1,2,3 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth</u>
Green River	surface
Wasatch	2875'*
North Horn	4715'*
Price River	6557'*
Base of Upper PR	6897'
Bluecastle	7862'*
Sego U	8127'
Castlegate	8547'*
Blackhawk	8797'*
Star Point 1	9147'*
Star Point 2	9297'*
Star Point 3	9372'*
TD	9580'

#### \*PROSPECTIVE PAY

Members of Lower Mesaverde formation (Starpoint 1, 2, 3) are primary objectives for oil/gas

All other formations identified "\*" are secondary objectives for oil/gas

### 4 Casing Program

<u>HOLE</u>	<u>SETTING DEPTH</u>		<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>CONDITION</u>
<u>SIZE</u>	<u>from</u>	<u>to</u>					
12-1/4"	surface	1,000'	9-5/8"	36#	J or K 55	ST&C	New
7-7/8"	surface	9,580'	5-1/2"	17#	N-80	LT&C	New

### 5 Cementing Program

9-5/8" Surface Casing	approximately 240 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft <sup>3</sup> /sx) and 180 sx Premium cement with additives mixed at 15.8 ppg (yield = 1.16 ft <sup>3</sup> /sx) circulated to surface with 100% excess
5-1/2" Production Casing	approximately 1095 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 2500'.

**6. Mud Program**

<u>INTERVAL</u>	<u>WEIGHT</u>	<u>VISCOSITY</u>	<u>FLUID LOSS</u>	<u>REMARKS</u>
0 – 40'	8.3 – 8.6	27-40	--	Native Spud Mud
40 – 1000'	8.3 – 8.6	27-40	15 cc or less	Native/Gel/Lime
1000 – TD	8.6 – 9.5	38-46	15 cc or less	LSND/DAP

Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kick" will be available at wellsite.

**7. BOP and Pressure Containment Data**

Depth Intervals

BOP Equipment

0 - 1000'

No Pressure Control Required

1000 – TD

11" 3000# Ram Type BOP

11" 3000# Annular BOP

Drilling spool to accommodate choke and kill lines.  
 Ancillary and choke manifold to be rated at 3000 psi.

ANCILLARY EQUIPMENT AND CHOKE MANIFOLD RATED AT 3000#.  
 ALL BOP AND BOPE TESTS WILL BE IN ACCORDANCE WITH THE REQUIREMENTS  
 OF ONSHORE ORDER NO. 2.

THE BLM AND THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING WILL BE  
 NOTIFIED 24 HOURS IN ADVANCE OF ALL BOP PRESSURE TESTS.

**8. Auxiliary equipment**

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

**9. Testing, Logging and Core Programs**

Cores	None anticipated
Testing	None anticipated; drill stem tests may be run on shows of interest
Sampling	30' to 50' samples; surface casing to TD Preserve samples all show intervals
Surveys	Run every 1000' and on trips
Logging Program	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR all TD to surface

**10. Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4732 psi\* and maximum anticipated surface pressure equals approximately 2625 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

\*\*Maximum surface pressure = A - (0.22 x TD)

**11. Drilling Schedule**

Spud:	Approximately November 1,, 2004
Duration:	25 days drilling time
	35 days completion time



## **PRESSURE CONTROL EQUIPMENT – Schematic Attached**

**A. Type:** Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes.
8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
9. Upper kelly cock valve with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Pressure gauge on choke manifold.
12. Fill-up line above the uppermost preventer.

**B. Pressure Rating:** 3,000 psi

### **C. Testing Procedure:**

#### Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

#### Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure

will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

#### **D. Choke Manifold Equipment:**

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

#### **E. Accumulator:**

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

**F. Miscellaneous Information:**

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

## SURFACE USE PLAN

BILL BARRETT CORPORATION

PRICKLY PEAR UNIT FEDERAL 5-13-12-14

Surface location: SWNW, 1582' FNL & 960' FWL, Section 13-T12S-R14E, S.L.B.&M.  
Carbon County, Utah

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

- A. The proposed well site is located approximately 40 miles northeast of Wellington, Utah.
- B. Maps reflecting directions to the proposed well site are enclosed.
- C. The use of roads under State and County Road Department maintenance is necessary to access the Prickly Pear Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- D. All existing roads will be maintained and kept in good repair during all phases of operation.
- E. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- F. Since no improvements are anticipated to the State, County or BLM access roads, no topsoil stripping will occur.
- G. An off-lease federal Right-of-Way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Prickly Pear Unit area.

2. Planned Access Roads:

- A. Beginning at the existing road approximately 520' of new access road will need to be built to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.
- B. The proposed access road will consist of a 16' travel surface within a 32' disturbed area.
- C. BLM approval to construct and utilize this proposed road is requested with this application.
- D. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.

- E. No turnouts are proposed since the proposed access road is so short.
- F. Culvert(s) will be installed as necessary. Adequate drainage structures will be incorporated into the remainder of the road.
- G. No surfacing material will come from federal or Indian lands.
- H. No gates or cattle guards are anticipated at this time.
- I. Surface disturbance and vehicular travel will be limited to the approved location access road.
- J. All access road and surface disturbing activities are within the Prickly Pear Unit and will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development (1989).
- K. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- A. Following is a list of existing wells within a one-mile radius of the proposed well:

i.	water wells	none
ii.	injection wells	none
iii.	disposal wells	none
iv.	drilling wells	none
v.	temp shut-in wells	none
vi.	producing wells	2
vii.	abandoned wells	2

4. Location of Production Facilities:

- A. All permanent structures will be painted a flat, non-reflective Olive Black to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (SHA) may be excluded.
- B. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- C. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- D. A tank battery will be constructed on this lease; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid

hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

- E. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- F. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- G. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- H. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the east side of the well site and traverse south/southeast approximately 900' along the west side of the proposed access road tying into the existing 12" pipeline
- I. The gas pipeline will be a 4" steel surface line coming off the well pad and running approximately 900' in length. BBC requests a 40' utility corridor to facilitate the staging of this pipeline construction. All surface disturbing activities will be within the Prickly Pear Unit.
- J. BBC intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. BBC intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- A. Bill Barrett Corporation will utilize an existing water well located on BLM lands in the SW/4 SE/4 Section 13-T12S-R14E. BBC was granted this authorization by the State of Utah Application Number 90-1826 (T74077) on August 20, 2002.

6. Source of Construction Material:

- A. The use of materials will conform to 43 CFR 3610.2-3.
- B. No construction materials will be removed from BLM.
- C. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- A. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- B. Drill cuttings will be contained and buried on site.

- C. The reserve pit will be located outboard of the location and along the west side of the pad.
- D. The reserve pit will be constructed so as not to leak, break or allow any discharge.
- E. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt-liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operations.
- F. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- G. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of annually in association with the drilling, testing or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities will be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the well.
- H. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Carbon or Uintah County Landfill.
- I. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- J. After initial clean-up a 400 barrel tank will be installed to contain produced waste water.
- K. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. Thereafter, produced water will be trucked to R & I Disposal, a State approved disposal facility.
- L. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- M. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Price or Vernal Wastewater Treatment Facility in accordance with state and county regulations.

- B. The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
  - C. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
  - D. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top-soiled and revegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
  - E. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.
11. Surface and Mineral Ownership:
- A. Surface ownership – Federal under the management of the Bureau of Land Management – Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3608.
  - B. Mineral ownership – Federal under the management of the Bureau of Land Management -- Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3608.
12. Other Information:
- A. Montgomery Archaeological Consultants have conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No. 03-95 dated July 9, 2003.
  - B. Our understanding of the results of the onsite inspection are:
    - a. No threatened and endangered flora and fauna species were found during the onsite inspection.
    - b. No drainage crossings that required additional State or Federal approval are being crossed.



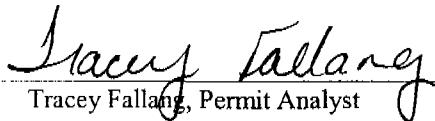
Bill Barrett Corporation  
Surface Use Plan  
Prickly Pear Unit Federal 5-13-12-14  
Carbon County, Utah

13. Operator's Representative and Certification:

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Fred Goodrich	(435) 722-3515
Company Representative (Denver)	Tracey Fallang	(303) 312-8168

Certification:

I hereby certify that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Bill Barrett Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

  
\_\_\_\_\_  
Tracey Fallang, Permit Analyst

Date: August 20, 2004

Well name:	<b>Utah: Nine Mile</b>
Operator:	<b>Bill Barrett</b>
String type:	Surface
Location:	Uintah County, UT

**Design parameters:**

**Collapse**

Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Environment:**

H2S considered? No  
 Surface temperature: 75.00 °F  
 Bottom hole temperature: 89 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft

**Burst:**

Design factor 1.00

Cement top: Surface

**Burst**

Max anticipated surface

pressure: 2,735 psi  
 Internal gradient: 0.22 psi/ft  
 Calculated BHP 2,955 psi

Annular backup: 9.50 ppg

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.80 (J)  
 Premium: 1.80 (J)  
 Body yield: 1.80 (B)

Tension is based on buoyed weight.  
 Neutral point: 859 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 10,000 ft  
 Next mud weight: 9.500 ppg  
 Next setting BHP: 4,935 psi  
 Fracture mud wt: 10.000 ppg  
 Fracture depth: 10,000 ft  
 Injection pressure 5,195 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1000	9.625	36.00	J/K-55	ST&C	1000	1000	8.796	71.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	493	2020	4.094	2735	3520	1.29	31	453	14.64 J

Prepared Dominic Spencer  
 by: Bill Barrett

Phone: (303) 312-8143  
 FAX: (303) 312-8195

Date: August 1, 2003  
 Denver, Colorado

**Remarks:**

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:  
Operator: **Bill Barrett**  
String type: Production  
Location: Uintah County, UT

**Utah: Nine Mile**

**Design parameters:**

**Collapse**

Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75.00 °F  
Bottom hole temperature: 215 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 2,375 ft

**Burst**

Max anticipated surface

pressure: 4,705 psi

Internal gradient: 0.02 psi/ft

Calculated BHP 4,935 psi

Annular backup: 9.50 ppg

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.80 (J)  
Premium: 1.80 (J)  
Body yield: 1.80 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 8,559 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	5.5	17.00	N-80	LT&C	10000	10000	4.767	344.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4935	6290	1.275	4705	7740	1.65	146	348	2.39 J

Prepared Dominic Spencer  
by: Bill Barrett

Phone: (303) 312-8143  
FAX: (303) 312-8195

Date: August 1, 2003  
Denver, Colorado

**Remarks:**

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

# HALLIBURTON

## Job Recommendation

## Surface Casing

### Fluid Instructions

Fluid 1: Water Spacer  
Water Spacer w/Gel

Fluid Density: 8.50 lbm/gal  
Fluid Volume: 20 bbl

Fluid 2: Lead Cement - (700 - 0')  
Halliburton Light Premium, 6% gel standard  
2 % Calcium Chloride (Accelerator)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 12.7 lbm/gal  
Slurry Yield: 1.85 ft<sup>3</sup>/sk  
Total Mixing Fluid: 9.90 Gal/sk  
Top of Fluid: 0 ft  
Calculated Fill: 700 ft  
Volume: 78.09 bbl  
Calculated Sacks: 237.01 sks  
Proposed Sacks: 240 sks

Fluid 3: Primary Cement - (TD - 700')  
Premium Cement  
94 lbm/sk Premium Cement (Cement-api)  
2 % Calcium Chloride (Accelerator)  
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 15.8 lbm/gal  
Slurry Yield: 1.16 ft<sup>3</sup>/sk  
Total Mixing Fluid: 4.97 Gal/sk  
Top of Fluid: 700 ft  
Calculated Fill: 300 ft  
Volume: 36.56 bbl  
Calculated Sacks: 176.81 sks  
Proposed Sacks: 180 sks

# HALLIBURTON

## Job Recommendation

## Production Casing

### Fluid Instructions

Fluid 1: Water Spacer  
Water Spacer

Fluid Density: 8.40 lbm/gal  
Fluid Volume: 5 bbl

Fluid 2: Reactive Spacer  
SUPER FLUSH 101

Fluid Density: 10 lbm/gal  
Fluid Volume: 20 bbl

Fluid 3: Water Spacer  
Water Spacer

Fluid Density: 8.40 lbm/gal  
Fluid Volume: 5 bbl

Fluid 4: Primary Cement - (TD - 2500')

50/50 Poz Premium, 2% gel standard

3 % KCL (Additive Material)

0.75 % Halad(R)-322 (Low Fluid Loss Control)

3 lbm/sk Silicalite Compacted (Light Weight Additive)

0.2 % FWCA (Free Water Control)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight 13.40 lbm/gal

Slurry Yield: 1.49 ft<sup>3</sup>/sk

Total Mixing Fluid: 7.06 Gal/sk

Top of Fluid: 2500 ft

Calculated Fill: 7500 ft

Volume: 290.22 bbl

Calculated Sacks: 1093.61 sks

**Proposed Sacks: 1095 sks**

## **HAZARDOUS MATERIAL DECLARATION**

FOR WELL NO. PRICKLY PEAR UNIT FEDERAL 5-13-12-14 LEASE NO. UTU 73665

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

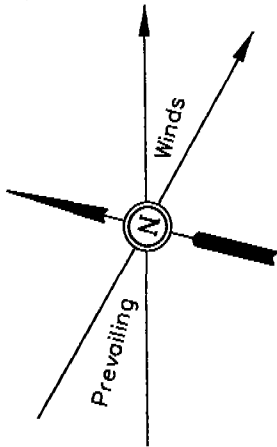
Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.

# BILL BARRETT CORPORATION

## LOCATION LAYOUT FOR

PRICKLY PEAR UNIT #5-13  
SECTION 13, T12S, R14E, S.L.B.&M.  
1582' FNL 960' FWL

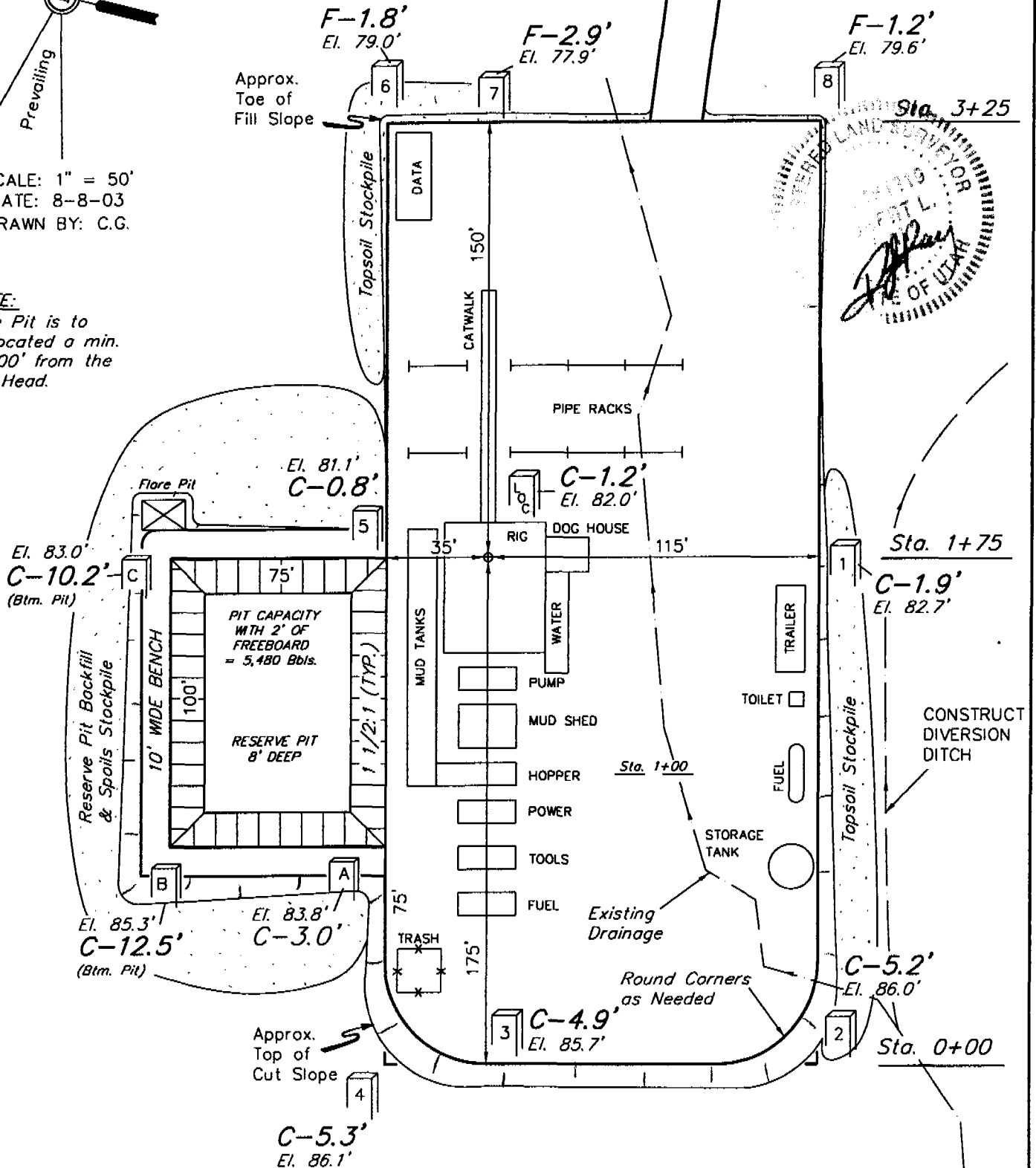
Proposed Access Road



SCALE: 1" = 50'  
DATE: 8-8-03  
DRAWN BY: C.G.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



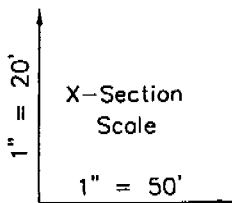
Elev. Ungraded Ground at Location Stake = 7582.0'  
Elev. Graded Ground at Location Stake = 7580.8'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

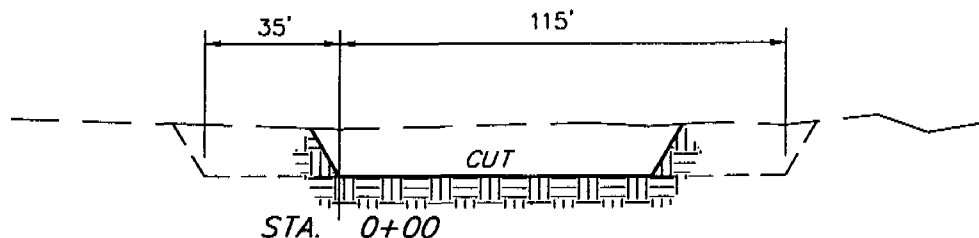
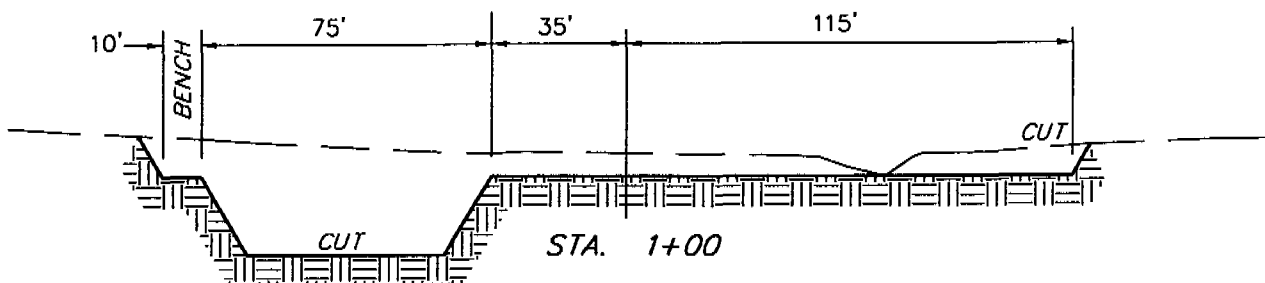
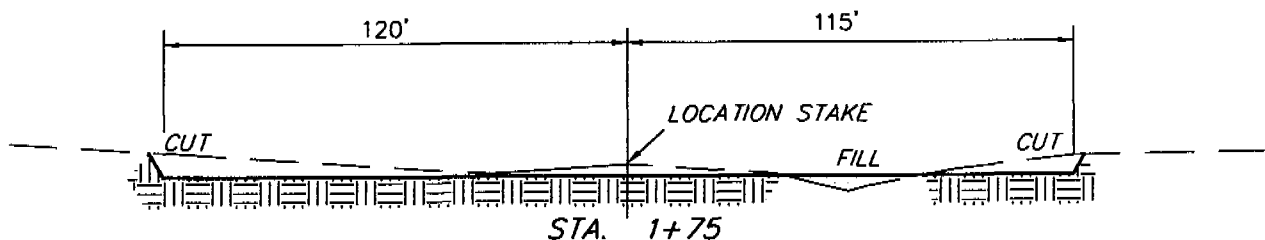
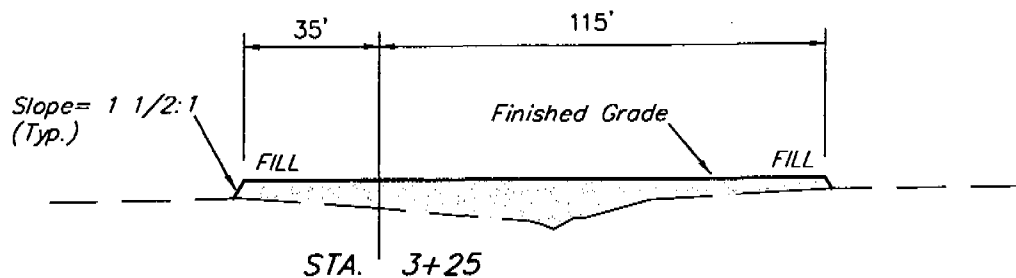
# BILL BARRETT CORPORATION

## TYPICAL CROSS SECTIONS FOR

PRICKLY PEAR UNIT #5-13  
SECTION 13, T12S, R14E, S.L.B.&M.  
1582' FNL 960' FWL



DATE: 8-8-03  
DRAWN BY: C.G.



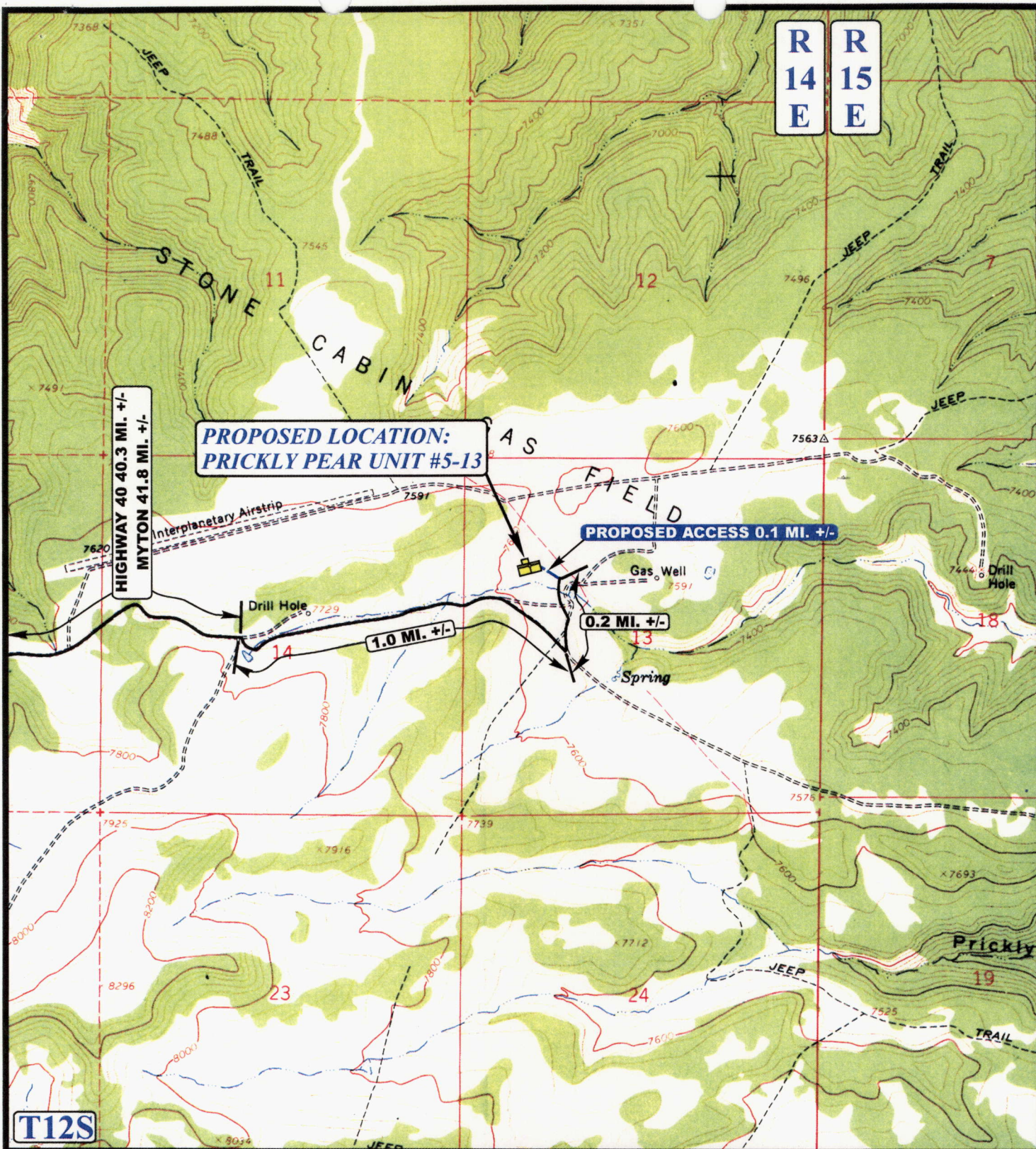
### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,090 Cu. Yds.
Remaining Location	= 4,780 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 5,870 CU.YDS.</b>
<b>FILL</b>	<b>= 1,570 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,220 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,920 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 2,300 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017





# LEGEND:

--- PROPOSED ACCESS ROAD  
--- EXISTING ROAD



## BILL BARRETT CORPORATION

**PRICKLY PEAR UNIT #5-13**  
**SECTION 13, T12S, R14E, S.L.B.&M.**  
**1582' FNL 960' FWL**



**Uintah Engineering & Land Surveying**  
**85 South 200 East Vernal, Utah 84078**  
**(435) 789-1017 \* FAX (435) 789-1813**

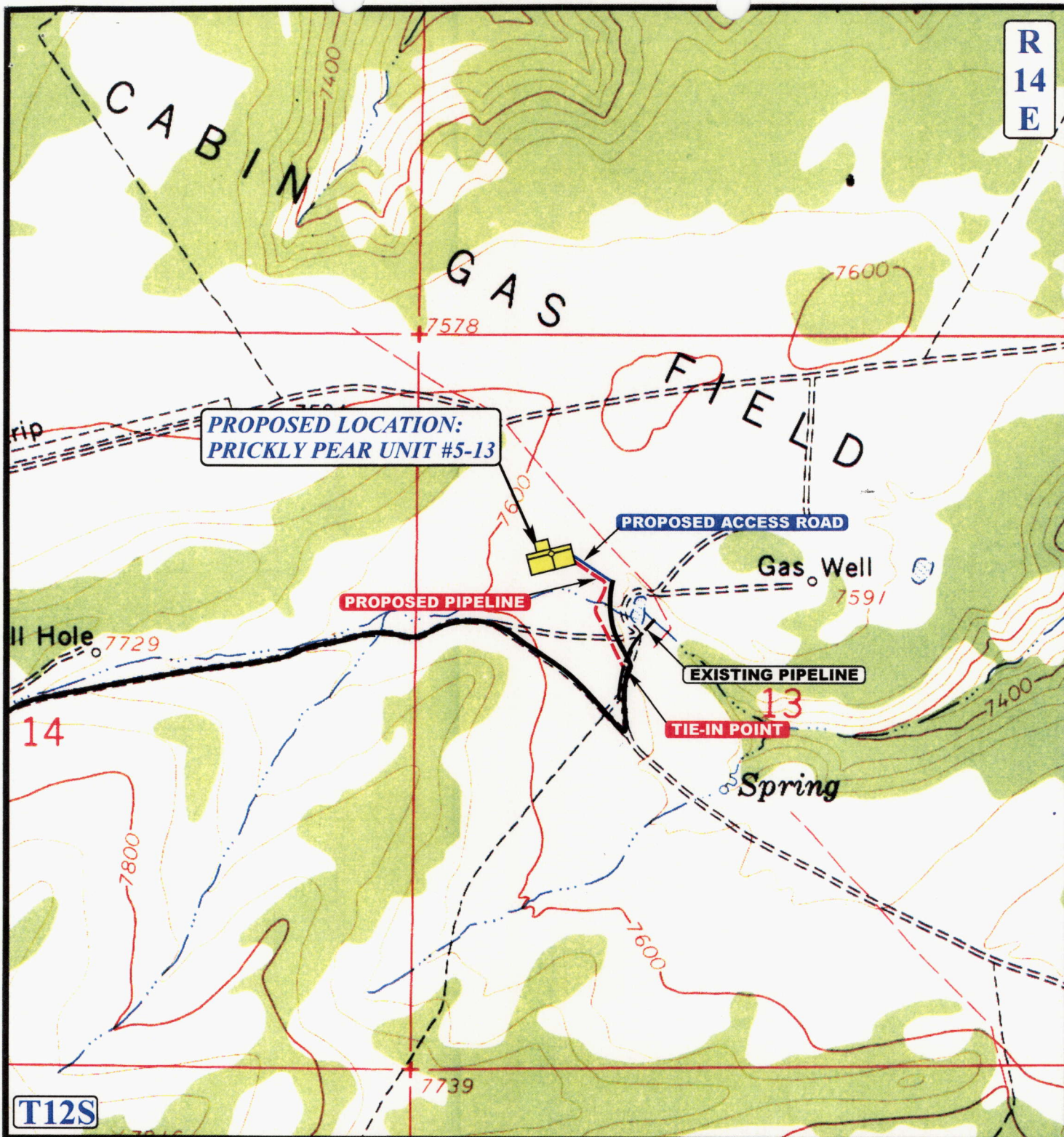
**TOPOGRAPHIC**  
**MAP**

**2 13 03**  
 MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: J.L.G. REV: 8-11-03 K.G.





**APPROXIMATE TOTAL PIPELINE DISTANCE = 900' +/-**

**LEGEND:**

- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- PROPOSED ACCESS



**BILL BARRETT CORPORATION**

**PRICKLY PEAR UNIT #5-13**  
**SECTION 13, T12S, R14E, S.L.B.&M.**  
**1582' FNL 960' FWL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**2 13 03**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: J.L.G. REV: 8-11-03 K.G.

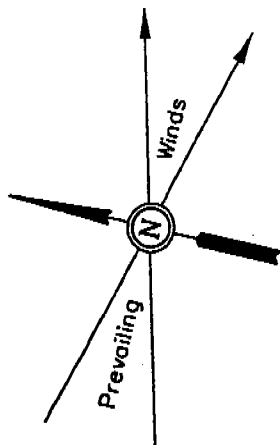


# BILL BARRETT CORPORATION

## LOCATION LAYOUT FOR

PRICKLY PEAR UNIT #5-13  
SECTION 13, T12S, R14E, S.L.B.&M.

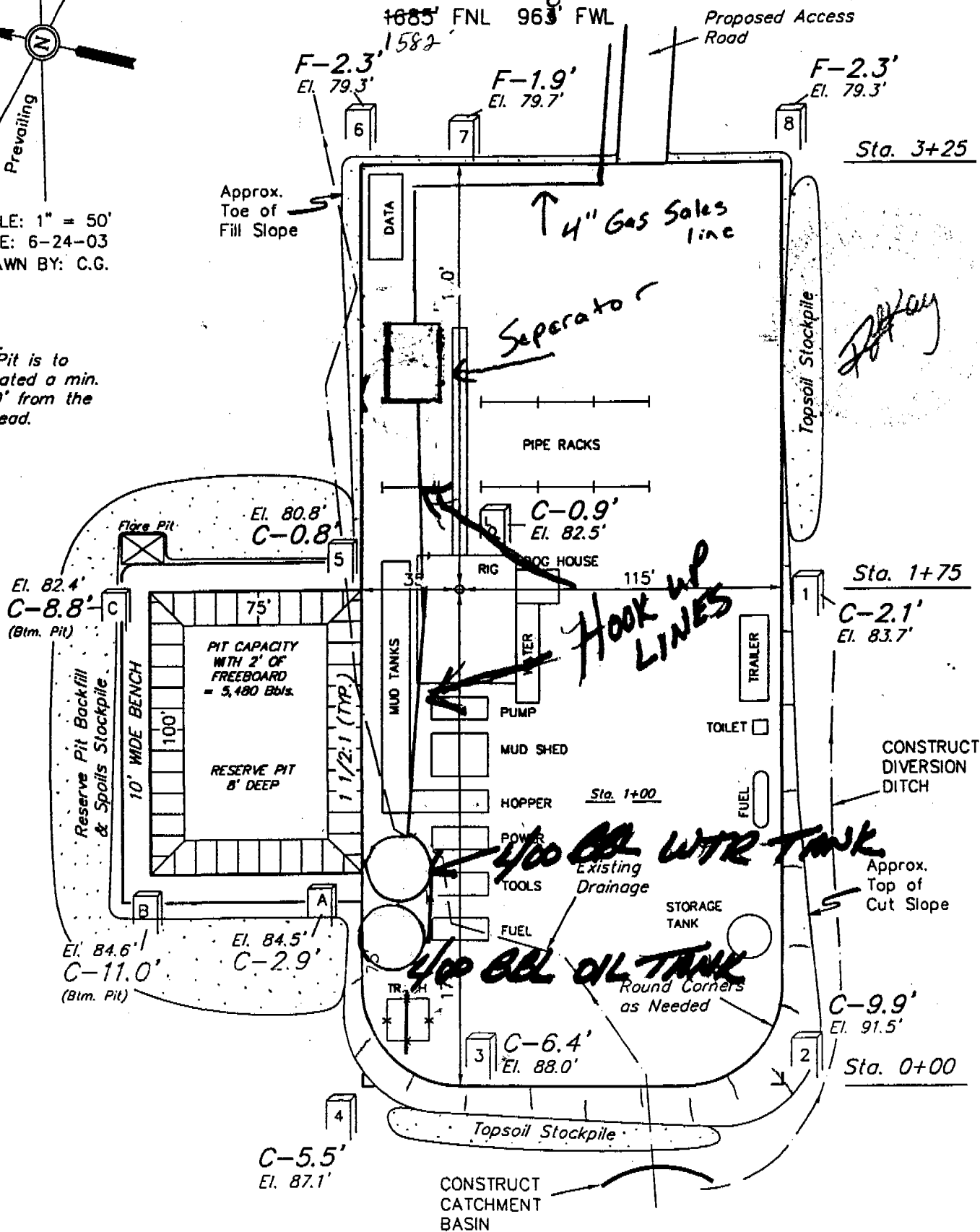
1685' FNL 963' FWL



SCALE: 1" = 50'  
DATE: 6-24-03  
DRAWN BY: C.G.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

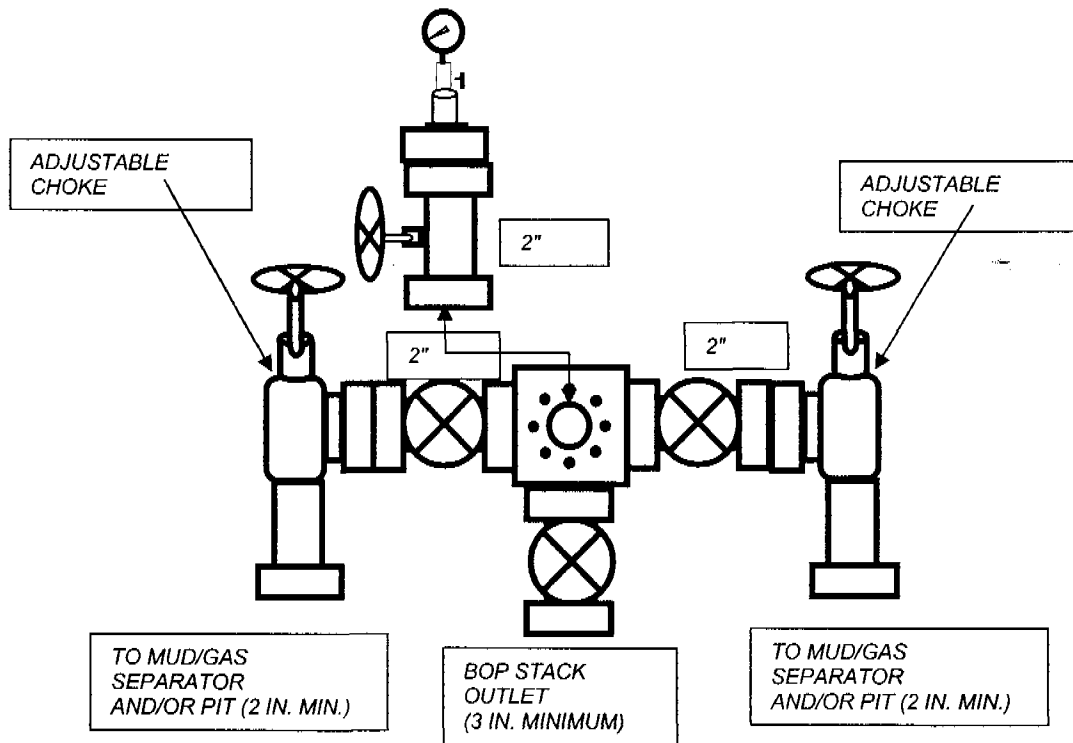


Elev. Ungraded Ground at Location Stake = 7582.5'  
Elev. Graded Ground at Location Stake = 7581.6'

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85 So. 200 East • Vernal, Utah, 84078 • (435) 789-1017

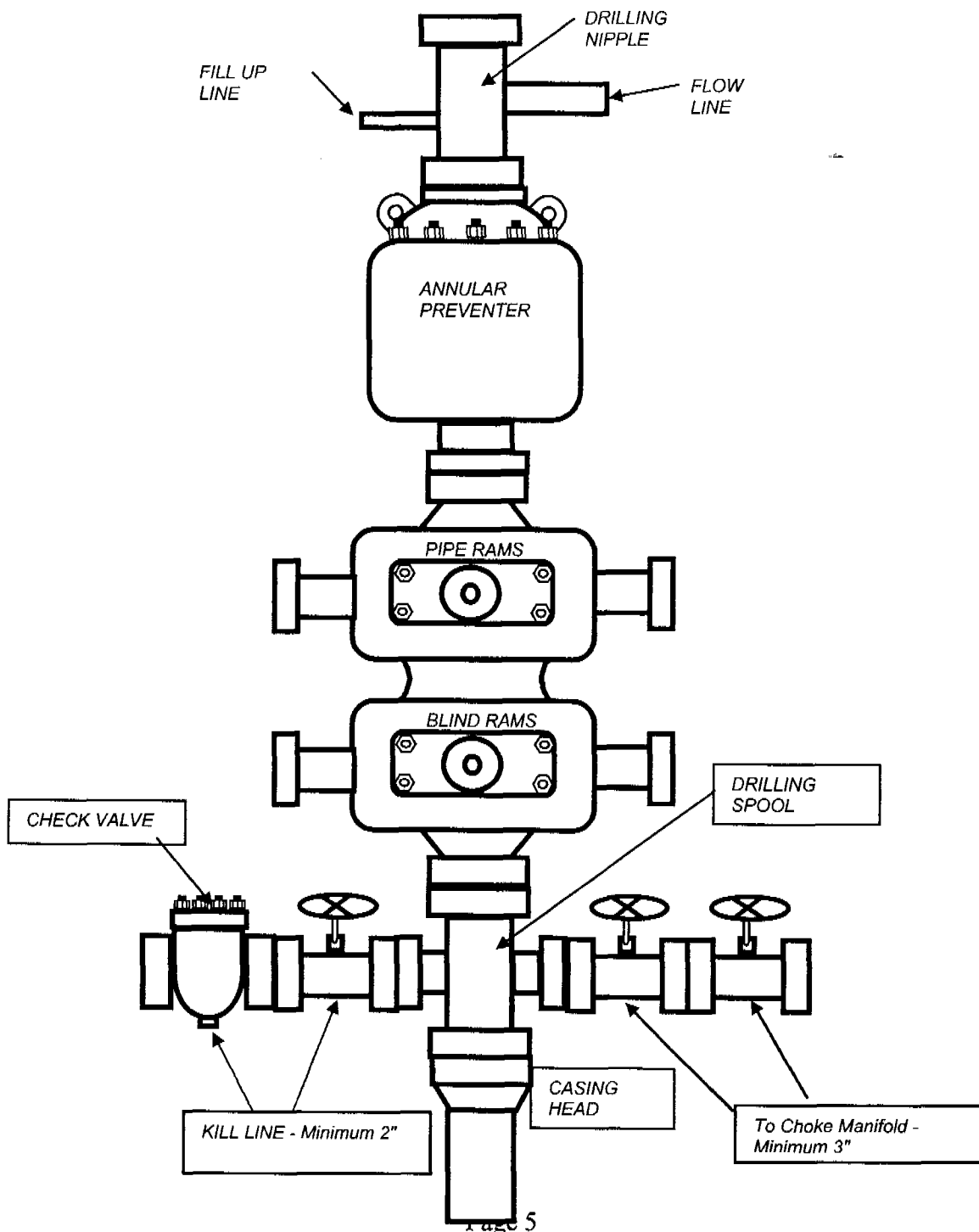
# BILL BARRETT CORPORATION

## TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



# BILL BARRETT CORPORATION

## TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



005

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/03/2004

API NO. ASSIGNED: 43-007-31008

WELL NAME: PRICKLY PEAR U FED 5-13-12-14  
 OPERATOR: BILL BARRETT CORP ( N2165 )  
 CONTACT: TRACEY FALLANG

PHONE NUMBER: 303-312-8168

## PROPOSED LOCATION:

SWNW 13 120S 140E

SURFACE: 1582 FNL 0960 FWL

BOTTOM: 1582 FNL 0960 FWL

CARBON

STONE CABIN ( 45 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU 73665

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.77575

LONGITUDE: -110.3017

## RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
 (No. WYB000040 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
 (No. 90-1826 )  
☒ RDCC Review (Y/N)  
 (Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

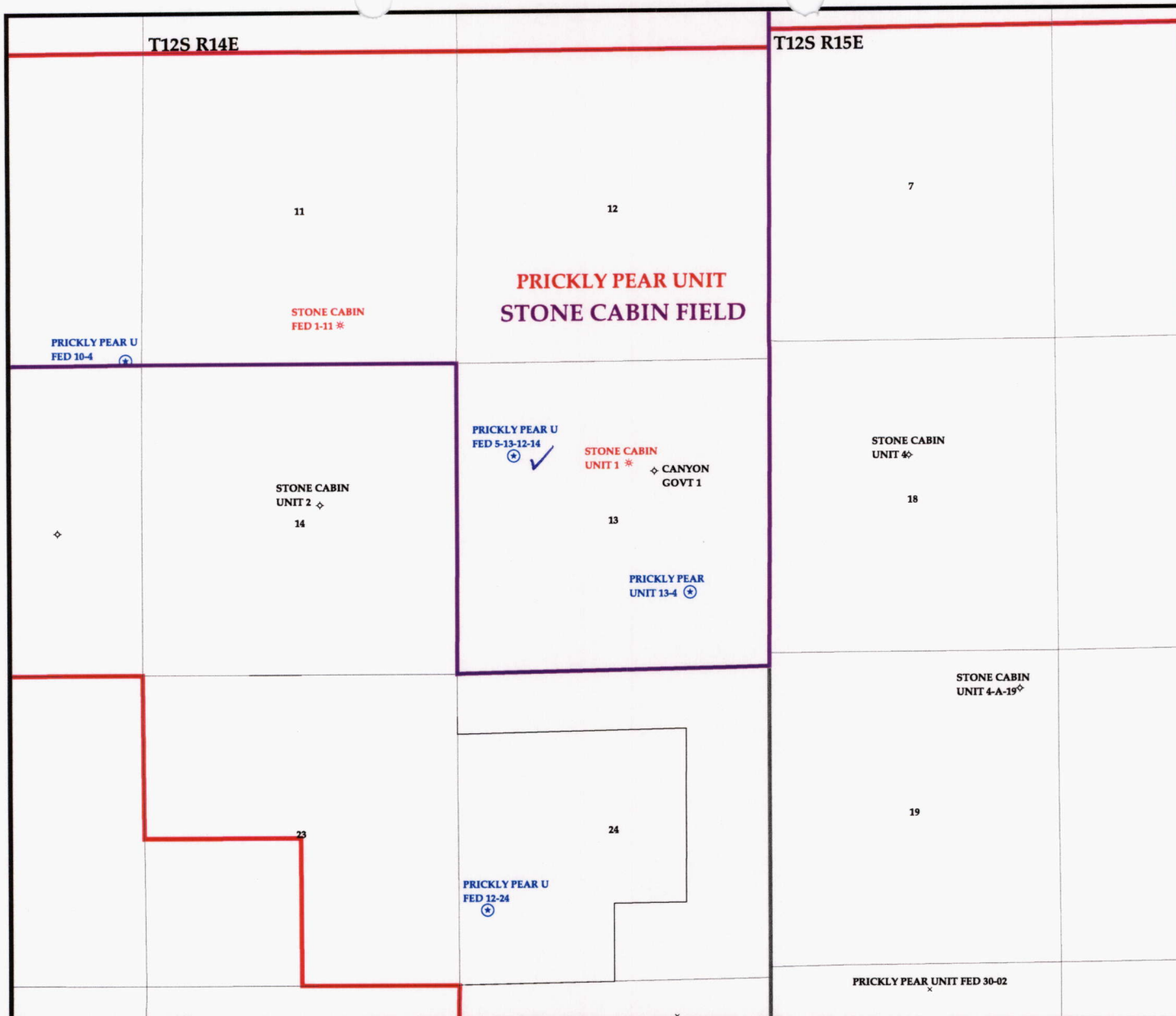
\_\_\_\_ R649-2-3.  
 Unit PRICKLY PEAR  
 \_\_\_\_ R649-3-2. General  
 Siting: 460 From Qtr/Qtr & 920' Between Wells  
☒ R649-3-3. Exception  
 \_\_\_\_ Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Eff Date: \_\_\_\_\_  
 Siting: \_\_\_\_\_  
 \_\_\_\_ R649-3-11. Directional Drill

COMMENTS: ELM requested location moved per A1 Data 9/14/04

## STIPULATIONS:

1- Federal Approval  
2- Spacing Strip





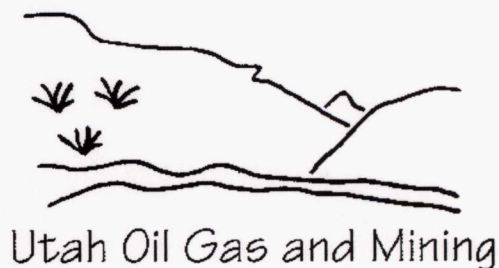
OPERATOR: BILL BARRETT CORP (N2165)

SEC. 13 T.12S R.14E

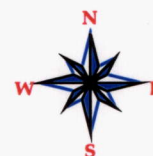
FIELD: STONE CABIN (45)

COUNTY: CARBON

SPACING: R649-3-3 / EXCEPTION LOCATION



Wells	Units.shp	Fields.shp
✂ GAS INJECTION	EXPLORATORY	ABANDONED
✱ GAS STORAGE	GAS STORAGE	ACTIVE
✕ LOCATION ABANDONED	NF PP OIL	COMBINED
⊕ NEW LOCATION	NF SECONDARY	INACTIVE
⊖ PLUGGED & ABANDONED	PENDING	PROPOSED
✱ PRODUCING GAS	PI OIL	STORAGE
● PRODUCING OIL	PP GAS	TERMINATED
✱ SHUT-IN GAS	PP GEOTHERML	
✱ SHUT-IN OIL	PP OIL	
✕ TEMP. ABANDONED	SECONDARY	
○ TEST WELL	TERMINATED	
▲ WATER INJECTION		
◆ WATER SUPPLY		
✂ WATER DISPOSAL		



PREPARED BY: DIANA WHITNEY  
DATE: 10-SEPTEMBER-2004

001

RECEIVED

SEP 13 2004

DIV. OF OIL, GAS &amp; MINING

Form 3160-3  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU 73665
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zones		6. If Indian, Allottee or Tribe Name n/a
2. Name of Operator BILL BARRETT CORPORATION		7. If Unit or CA Agreement, Name and No. PRICKLY PEAR UNIT
3a. Address 1099 18th Street, Suite 2300 Denver CO 80202		8. Lease Name and Well No. Prickly Pear Unit Fed #5-13-12-14
3b. Phone No. (include area code) (303) 312-8168		9. API Well No. pending 43-007-31008
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface SWNW, 1582' FNL x 960' FWL At proposed prod. zone same 55 9802 X 39.77575' 442892 Y -110.3071		10. Field and Pool, or Exploratory Prickly Pear Unit/Federal Stone Cabin
11. Sec., T. R. M. or Blk. and Survey or Area Section 13-T12S-R14E S.L.B.&M.		12. County or Parish Carbon
13. State UT		
14. Distance in miles and direction from nearest town or post office* approximately 40 miles northeast of Wellington, Utah	15. Distance from proposed location* to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1691'	16. No. of acres in lease 960
17. Spacing Unit dedicated to this well 160 acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. approx. 7800'	19. Proposed Depth 9,580'
20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7582' ungraded ground	22. Approximate date work will start* 11/01/2004
23. Estimated duration 60 days		

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>Tracy Fallone</i>	Name (Printed/Typed) Tracy Fallone	Date 08/17/2004
Title Permit Analyst		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

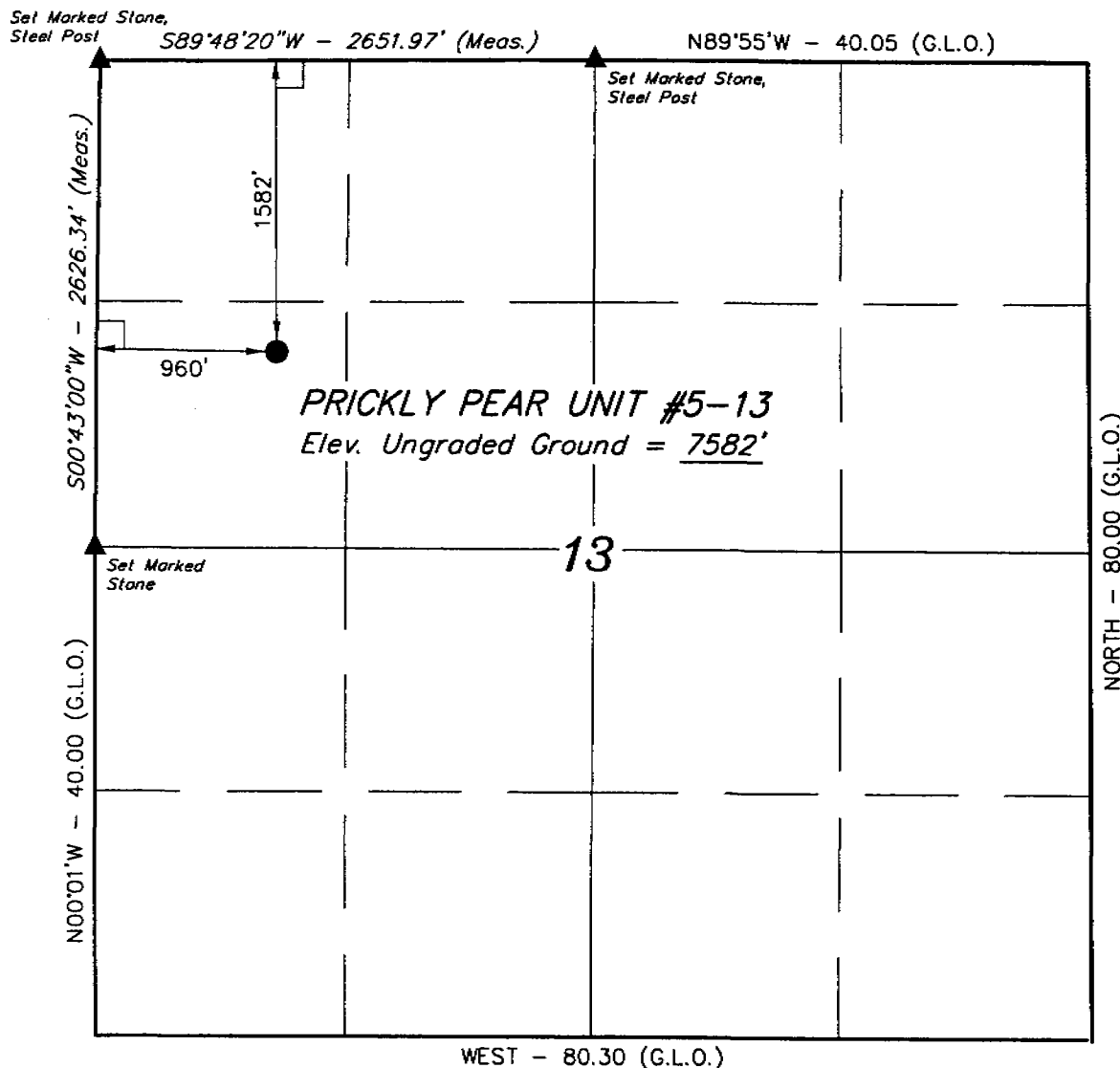
\*(Instructions on page 2)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 9-14-04  
BY: *[Signature]*

Federal Approval of this  
Action is Necessary



**T12S, R14E, S.L.B.&M.**



**PRICKLY PEAR UNIT #5-13**  
Elev. Ungraded Ground = 7582'

**13**

WEST - 80.30 (G.L.O.)

NORTH - 80.00 (G.L.O.)

**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)

LATITUDE = 39°46'32.88" (39.775800)

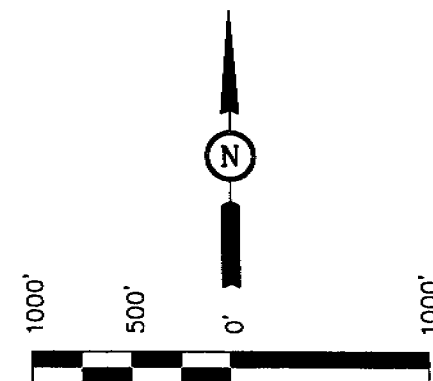
LONGITUDE = 110°18'08.64" (110.302400)

**BILL BARRETT CORPORATION**

Well location, PRICKLY PEAR UNIT #5-13, located as shown in the SW 1/4 NW 1/4 of Section 13, T12S, R14E, S.L.B.&M. Carbon County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 7, T12S, R15E, S.L.B.&M. TAKEN FROM THE COWBOY BENCH QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7563 FEET.



SCALE

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

REVISED: 8-8-03  
REVISED: 6-24-03

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 2-5-03	DATE DRAWN: 2-13-03
PARTY B.B. J.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

**IN REPLY REFER TO:**

3160

(UT-922)

September 10, 2004

Memorandum

To: Assistant Field Office Manager Resources,  
Moab Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2004 Plan of Development Prickly Pear Unit  
Carbon County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2004 within the Prickly Pear Unit, Carbon County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Mesaverde)

43-007-31008 Prickly Pear 5-13-12-14 Sec 13 T12S R14E 1582 FNL 0960 FWL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Prickly Pear Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:9-10-04



RECEIVED

SEP 08 2004

DIV. OF OIL, GAS &amp; MINING

September 3, 2004

Ms. Diana Whitney  
Utah Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

RE: Prickly Pear Unit Federal #5-13  
Section 13, Township 12 South, Range 14 East  
Carbon County, Utah


Dear Ms. Whitney:

Bill Barrett Corporation (BBC) has submitted an Application for Permit to Drill the above captioned well. As we discussed in our telephone conversation of this morning, the requested location requires an exception location. In compliance with R649-3-3 Exception to Location and Siting of Wells, BBC submits the following required information with its request for administrative approval for the exception location:

1. BBC is the only owner within a 460-foot radius of the proposed well.
2. BBC is requesting the exception location because of Topographic conditions.
3. BBC has provided a plat with the APD package reflecting the requested location at 1582' FNL and 960' FWL.

We sincerely appreciate your prompt attention to this matter. Should you require additional information, please contact the undersigned at 303-312-8184 or by email at [dgundry-white@billbarrettcorp.com](mailto:dgundry-white@billbarrettcorp.com).

Sincerely  
Bill Barrett Corporation



Doug Gundry-White  
Consulting Landman

Cc Ms. Tracey Fallang

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

**COPY**

September 1, 2004

Mr. Eric Jones, Petroleum Engineer  
Bureau of Land Management  
Moab Field Office  
82 East Dogwood  
Moab, Utah 84532

RE: Application for Permit to Drill – Bill Barrett Corporation  
**Prickly Pear Unit Federal #5-13-12-14, SWNW 1582' FNL & 960' FWL**  
Section 13, Township 12 South, Range 14 East, SLB&M, Carbon County, Utah

Dear Mr. Jones:

Bill Barrett Corporation respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced well. Included with the APD is the following supplemental information:

Attachment "A":	Survey plats, layouts and photos of the proposed well site, proposed location maps with access and utility corridors;
Attachment "B":	Production site layout;
Attachment "C":	Hazardous material declaration, drilling plan;
Attachment "D":	Casing design sheets, cementing recommendations, BOP and choke manifold diagrams;
Attachment "E":	Surface Use Plan

Please accept this letter as BBC's written request for CONFIDENTIAL treatment of all information contained in and pertaining to this application.

**RECEIVED****SEP 03 2004**

DIV. OF OIL, GAS &amp; MINING

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

Bureau of Land Management  
Moat Field Office

Thank you in advance for your timely consideration of this application. Please feel free to contact me at 303-312-8168 with any questions or requests for additional information.

Sincerely,



Tracey Fallang  
Permit Analyst

Enclosures

cc: Bureau of Land Management  
Price Field Office  
125 South 600 West  
Price, Utah 84078  
Attention: Mr. Don Stephens

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801  
Attention: Ms. Diana Whitney



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

September 14, 2004

Bill Barrett Corporation  
1099 18th Street, Suite 2300  
Denver, CO 80202

Re: Prickly Pear Unit Federal 5-13-12-14 Well, 1582' FNL, 960' FWL, SW NW,  
Sec. 13, T. 12 South, R. 14 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31008.

Sincerely,

John R. Baza  
Associate Director

pab  
Enclosures

cc: Carbon County Assessor  
Bureau of Land Management, Moab District Office

Operator: Bill Barrett Corporation  
Well Name & Number Prickly Pear Unit Federal 5-13-12-14  
API Number: 43-007-31008  
Lease: UTU-73665

Location: SW NW                      Sec. 13                      T. 12 South                      R. 14 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

007

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU 73665
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name n/a
2. Name of Operator BILL BARRETT CORPORATION		7. If Unit or CA Agreement, Name and No. PRICKLY PEAR UNIT
3a. Address 1099 18th Street, Suite 2300 Denver CO 80202		8. Lease Name and Well No. Prickly Pear Unit Fed #5-13-12-14
3b. Phone No. (include area code) (303) 312-8168		9. API Well No. <del>pending</del> 4300731008
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface SWNW, 1582' FNL x 960' FWL At proposed prod. zone same		10. Field and Pool, or Exploratory Prickly Pear Unit/Mesaverde
14. Distance in miles and direction from nearest town or post office* approximately 40 miles northeast of Wellington, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Section 13-T12S-R14E S.L.B.&M.
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 1691'	16. No. of acres in lease 960	12. County or Parish Carbon
17. Spacing Unit dedicated to this well 160 acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. approx. 7800'	13. State UT
19. Proposed Depth 9,580'	20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7582' ungraded ground	22. Approximate date work will start* 11/01/2004	23. Estimated duration 60 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature	Name (Printed/Typed) Tracey Fallang	Date 08/17/2004
---------------	--	--------------------

Title  
Permit Analyst

Approved by (Signature) [Signature]	Name (Printed/Typed) [Signature]	Date OCT 22 2004
--	-------------------------------------	---------------------

Title  
Assistant Field Manager,  
Division of Resources

Office  
Moab Field Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

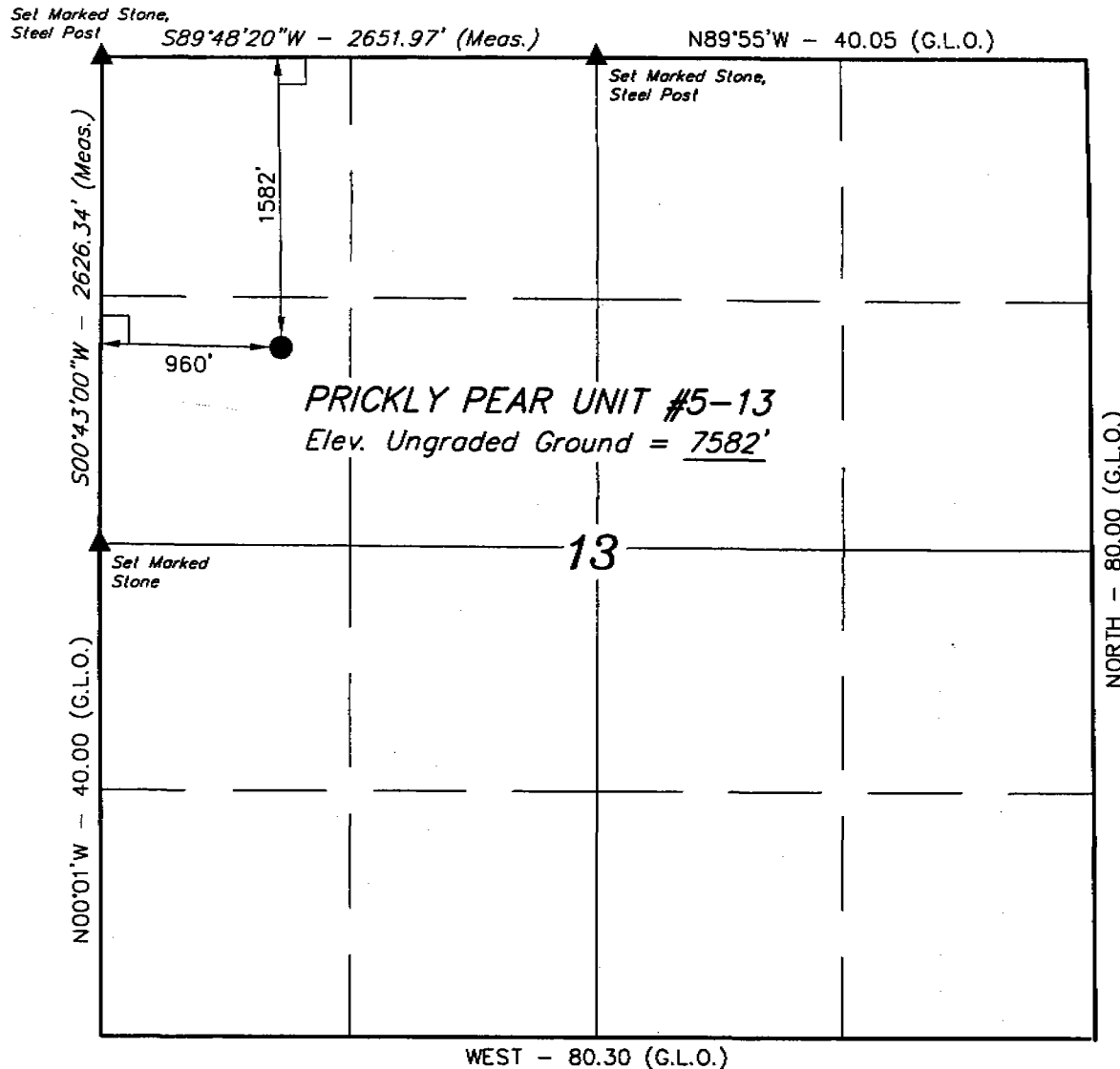
OCT 26 2004

DIV. OF OIL, GAS & MINING

RECEIVED  
MOAB FIELD OFFICE  
OCT 22 2004  
DEPT OF THE INTERIOR  
BUREAU OF LAND MGMT



**T12S, R14E, S.L.B.&M.**



**LEGEND:**

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)

LATITUDE = 39°46'32.88" (39.775800)

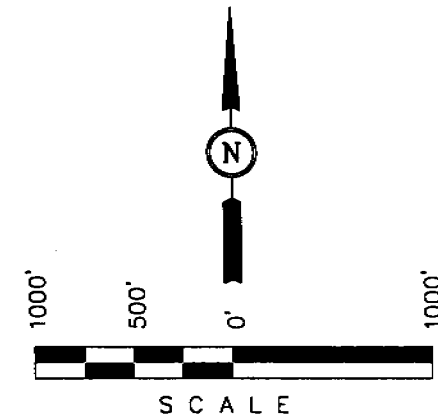
LONGITUDE = 110°18'08.64" (110.302400)

**BILL BARRETT CORPORATION**

Well location, PRICKLY PEAR UNIT #5-13, located as shown in the SW 1/4 NW 1/4 of Section 13, T12S, R14E, S.L.B.&M. Carbon County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 7, T12S, R15E, S.L.B.&M. TAKEN FROM THE COWBOY BENCH QUADRANGLE, UTAH, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7563 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert J. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

REVISED: 8-8-03  
REVISED: 6-24-03

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 2-5-03	DATE DRAWN: 2-13-03
PARTY B.B. J.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	

Bill Barrett Corporation  
Prickly Pear Unit Federal 5-13-12-14  
Lease UTU73665  
SWNW Section 13, T12 S, R 14 E  
Carbon County, Utah

**A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION from the beginning of site construction through well completion, and shall be available to contractors to ensure compliance.**

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Bill Barrett Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by WYB000040 (Principal –Bill Barrett Corporation) via surety consent as provided for in 43 CFR 3106.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

#### A. DRILLING PROGRAM

1. The proposed 3M BOP system (revised from the original proposal) is adequate for anticipated conditions. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.
3. In order to isolate and protect known hydrocarbon resources, production casing shall be cemented into place such that the top-of-cement is:
  - 1) not less than 300 feet above the top of the Wasatch Formation, and
  - 2) not less than 100 feet above the top of the highest hydrocarbon bearing zone that is not already isolated behind the surface casing.
4. Locally, the Green River Formation is known to contain oil, gas, oil shale and tar sand deposits. However, the lateral occurrence, distribution and grade of the oil shale and tar sand deposits are not well defined. The operator shall pay particular attention to this section, and shall attempt to identify and describe any of these resources that may be penetrated. The operator shall note the presence of these resources in the drilling reports. All oil, gas, oil shale and tar sand resources shall be isolated behind cement. This may necessitate cementing in addition to the minimum requirements identified in COA No. 4 above.
5. A cement bond log (CBL) or other appropriate tool for determining top-of-cement, shall be run on the production casing string.
6. If logging reveals that the cementing objectives were not met, remedial cementing will be required.

**B. SURFACE USE**

1. The following appendices are attached for your reference. They are to be followed as conditions of approval:
  - SM-A, Seed Mixture for Berms, Topsoil Piles, Pad Margins
  - SM-B, Seed Mixture for Final Reclamation (buried pipelines, abandoned pads, roads, etc.)
  - TMC1, Browse Hand Planting Tubeling Mixtures
  - Lease Stipulations, see attached Table 2.3 from EA for West Tavaputs Plateau Drilling Program.
  - Applicant-committed environmental protection measures, see attached Appendix B
2. The mud pit shall be lined with an impermeable liner. Fill from the pit shall be stockpiled within a drainage control berm along the edge of the pit and adjacent edge of the well pad.
3. An archaeologist shall be onsite during permanent fencing of 42Cb1861 and 42Cb1928 prior to any surface disturbance.
4. Within six months of installation, surface structures shall be painted in the following flat, earth tone color: Olive Black (5WA2Q-6). This Fuller O'Brien color is for reference only. Any brand of paint may be used provided the colors match. Any facilities that must be painted to comply with OSHA standards are exempt.
5. In areas where the soil surface shows evidence of biological soil crusts, the top uppermost (1/4-inch) of undisturbed biological soils from adjacent an undisturbed area shall be randomly collected from small areas (approximately 12-inch squares) and cast over the reclaimed site immediately following final reclamation to the facilitate re-establishment of soil crusts. Such actions would mitigate impacts to soil crusts in the long-term, although short-term impacts would remain.
6. BBC shall provide the authorized officer with an annual report of water consumed for the entire field for drilling, completion, and dust-suppression activities. This report shall detail the amounts used and the source of the water.
7. Feather edges of disturbed area by creating a vertical transition from taller to shorter vegetation along disturbed edges. Vary width of disturbance and

preserve some point masses to create a more natural appearing edge and thereby avoid straight, sweeping, and converging lines in the landscape.

8. Reduce overall width of surface disturbance by working with equipment on the road, and taking advantage of the access already provided by the roadway.
9. BBC shall implement an effective revegetation plan, including installation of shrubs and tubelings, thus establishing larger plants early.
10. Use rocks and downed vegetation to "break up" new textures created by disturbance and exposure of soils, and to provide "planting pockets" for the establishment of new plant materials.
11. At stream crossings keep all equipment away from edge of escarpments and stream banks thereby minimizing impacts to escarpment edge, and stabilize these edges pre-construction using vegetative or mechanical methods.
12. Refer to TMC1, Browse Hand Planting Tubeling Mixtures to easily establish fast-growing shrubs in seed mix and as tubelings.
13. To minimize the chance of undesirable plant species (especially seeds) from being carried into the WTPPA, equipment would be power-washed before being brought in.
14. Heavy equipment would not mobilize or demobilize through Nine Mile Canyon on weekends or holidays.
15. Recontour all disturbed surfaces to more natural-appearing landform, similar in topography to pre-disturbance and surrounding landscape. Prepare the soils for proper revegetation and implement best management practices for revegetation and erosion control.
16. No construction/drilling activities shall occur during the time of the year November 1 through May 15 for sage-grouse winter habitat.
17. Mule deer on critical winter ranges shall be protected by seasonal restrictions on construction from November 1 through May 15 where federal permits are required.
18. Elk on high priority and critical winter ranges would be protected by seasonal restrictions on construction from November 1 through May 15.
19. The Mexican Spotted Owl Conservation Measures to avoid impacts:

- a. Conduct annual surveys for nesting roosting habitat in areas proposed for construction activity within .5 miles of identified canyon habitat, based on the USFWS 2000, MSO habitat model.
  - b. Upon discovery of individuals or sightings of this species, halt construction/drilling activities and notify the authorized official.
20. The Operator shall contact the authorized BLM official for an onsite prior to the placement of long-term structures occupying the pad longer than 6 months and higher than 14 feet above the original natural grade.

#### **GENERAL CONSTRUCTION**

21. Operator shall contact the Price BLM Office at least forty-eight hours prior to the anticipated start of construction and/or any surface disturbing activities. The BLM may require and schedule a preconstruction conference with the operator prior to the operator commencing construction and/or surface disturbing activities. The operator and the operator's contractor, or agents involved with construction and/or any surface disturbing activities associated with the project, shall attend this conference to review the Conditions of Approval and plan of development. The operator's inspector will be designated at the pre-drill conference, and is to be given an approved copy of all maps, permits and conditions of approval before the start of construction. The BLM will also designate a representative for the project at the preconstruction conference.
22. The operator shall designate a representative(s) who shall have the authority to act upon and to implement instructions from the BLM. The operator's representative shall be available for communication with the BLM within a reasonable time when construction or other surface disturbing activities are underway.
23. Any archaeology/cultural resource discovered by the operator, or any person working on his behalf, on public land are to be immediately reported to the Price BLM Office. The operator will suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Price BLM Office. An evaluation of the discovery will be made by the BLM to determine appropriate actions to prevent the loss of significant cultural or scientific values. The operator is responsible for the cost of evaluation of any site found during construction. The BLM will determine what mitigation is necessary.

Any paleontological resource discovered by the operator, or any person working on his behalf, on public land is to be immediately reported to the Price BLM

Office. The operator will suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Price BLM Office.

An evaluation of the discovery will be made by the BLM to determine appropriate actions to prevent the loss of significant cultural or scientific values. The operator is responsible for the cost of evaluation of any site found during construction. The BLM will determine what mitigation is necessary

24. During project construction, surface disturbance and vehicle travel shall be limited to the approved location and access routes. Any additional area needed must be approved by the Price BLM Office prior to use.
25. The operator must provide a trash cage for the collection and containment of all trash. The trash shall be disposed in an authorized landfill. The location and access roads shall be kept litter free.
26. Vegetation removal necessitated by construction shall be confined to the limits of actual construction. Removed vegetation will be stockpiled for use in reclamation or removed from the construction site at the direction of the BLM.
27. Prior to surface disturbance, topsoil is to be separately removed and segregated from other material. Topsoil depth will be decided onsite by BLM. If the topsoil is less than 6 inches, a 6-inch layer that includes the A horizon and the unconsolidated material immediately below the A horizon shall be removed and the mixture segregated and redistributed as the surface soil layer.

Generally topsoil shall be stored within the pad site or adjacent to access roads. The company in consultation with BLM shall determine stockpile locations and dimensions at the onsite. If the topsoil stockpiles will not be redistributed for a period in excess of one (1) year, the stockpiles are to be seeded with seed mixture SM-A (attached).

#### **ROAD and PIPELINE CONSTRUCTION**

28. Operator shall provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
29. Road construction or routine maintenance activities are to be performed during periods when the soil can adequately support construction equipment. If such

equipment creates ruts more than 6 inches deep, the soil is deemed too wet to adequately support construction equipment. Whenever dust plumes exceed 200 feet the company shall water the road to abate the dust

30. The operator is responsible for maintenance of all roads authorized through the lease or a right-of-way. Construction and maintenance shall comply with Class II or III Road Standards as described in BLM Manual Section 9113 and the Moab District Road Standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, headcut restoration/prevention.
31. Topsoil from access roads and pipelines are to be wind rowed along the uphill side of the road or stored in an approved manner. When the road and pipeline is rehabilitated, this soil will then be used as a top coating for the seed bed.
32. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. Rock energy dissipaters and gravel dispersion fans may be used or any other design which would accomplish the desired reconversion of flow regime. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

#### **PAD CONSTRUCTION**

33. During the construction of the drill pad, suitable topsoil material is to be stripped and conserved in a stockpile on the pad. If stockpiles are to remain for more than a year, they shall be seeded with the seed mixture in appendix SM-A, attached.
34. Generally, drill pads are to be designed to prevent overland flow of water from entering or leaving the site. The pad is to be sloped to drain spills and water into the reserve pit. The drill pad shall be designed to disperse diverted overland flow and to regulate flow velocity so as to prevent or minimize erosion. Well pad diversion outlets shall be equipped with rock energy dissipaters and gravel-bedded dispersion fans.
35. In the event construction can't be completed prior to winter closures, measures to prevent erosion from upcoming spring snowmelt shall be taken as



follows:

- a. Loose earth and debris will be removed from drainages, and flood plains.
  - b. Earth and debris shall not be stockpiled on drainage banks.
  - c. Road drainages shall be checked to ensure there are none with uncontrolled outlets.
    1. Be sure all ditch drainages have an outlet to prevent ponding.
    2. If necessary, build temporary sediment ponds to capture runoff from unreclaimed areas.
    3. Re-route ditches as needed to avoid channeling water through loosened soil.
36. Excess material from road blading must not be plowed into drainages. Remove excess material and deposit at approved locations.

## **REHABILITATION PROCEDURES**

### **Site Preparation**

37. The entire roadbed should be obliterated and brought back to the approximate original contour. Drainage control is to be reestablished as necessary. All areas affected by road construction are to be recontoured to blend in with the existing topography. All berms are to be removed unless determined to be beneficial by BLM. In recontouring the disturbed areas, care should be taken to not disturb additional vegetation.

### **Seedbed Preparation**

38. An adequate seedbed should be prepared for all sites to be seeded. Areas to be revegetated should be chiseled or disked to a depth of at least 12 inches unless restrained by bedrock.
39. Ripping of fill materials should be completed by a bulldozer equipped with single or a twin set of ripper shanks. Ripping should be done on 4-foot centers to a depth of 12 inches. The process should be repeated until the compacted area is loose and friable, and then shall be followed by final grading. Seedbed preparation will be considered complete when the soil surface is completely roughened and the number of rocks (if present) on the site is sufficient to cause the site to match the surrounding terrain.

40. After final grading, the stockpiled topsoil shall be spread evenly across the disturbed area.

#### Fertilization

41. Commercial fertilizer with a formula of 16-16-8 is to be applied at a rate of 200 pounds per acre to the site. The rate may be adjusted depending on soil.
42. Fertilizer is to be applied not more than 48 hours before seeding, and shall be cultivated into the upper 3 inches of soil.
43. Fertilizer is to be broadcast over the soil using hand-operated "cyclone-type" seeders or rotary broadcast equipment attached to construction or revegetation machinery as appropriate to slope. All equipment should be equipped with a metering device. Fertilizer application is to take place before the final seeding preparation treatment. Fertilizer broadcasting operations should not be conducted when wind velocities would interfere with even distribution of the material.

#### Mulching

44. When it is time to reclaim this location, the Price BLM Office will determine whether it will be necessary to use mulch in the reclamation process. The type of mulch should meet the following requirements: Wood cellulose fiber shall be natural or cooked, shall disperse readily in water, and shall be nontoxic. Mulch shall be thermally produced and air dried. The homogeneous slurry or mixture shall be capable of application with power spray equipment. A colored dye that is noninjurious to plant growth may be used when specified. Wood cellulose fiber is to be packaged in new, labeled containers. A minimum application of 1500 pounds per acre shall be applied. A suitable tackifier shall be applied with the mulch at a rate of 60 to 80 pounds per acre.

An alternative method of mulching on small sites would be the application of straw or hay mulch at a rate of 2000 pounds per acre. Hay or straw shall be certified weed free. Following the application of straw or hay, crimping shall occur to ensure retention.

#### Reseeding

45. All disturbed areas are to be seeded with the seed mixture required by the

BLM. The seed mixture(s) shall be planted in the fall of the year (Sept-Nov), in the amounts specified in pounds of pure live seed (PLS)/acre. If fall seeding is not feasible, the seed mixture(s) shall be planted April 30-May 31. There shall be no noxious weed seed in the seed mixture. Seed will be tested and the viability testing of seed shall be done in accordance with State law(s) and within 12 months prior to planting. Commercial seed will be either certified or registered seed. The seed mixture container shall be tagged in accordance with State law(s) and available for inspection by the BLM. Seed is to be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture shall be evenly and uniformly planted over the disturbed area. (Smaller/heavier seeds tend to drop to the bottom of the drill and are planted first. Appropriate measures should be taken to ensure this does not occur.) Where drilling is not possible, seed is to be broadcast and the area raked or chained to cover the seed. Woody species with seeds that are too large for the drill will be broadcast. When broadcasting the seed, the pounds per acre noted below are to be increased by 50 percent.

Reseeding may be required if a satisfactory stand is not established to the surface rights owner's specifications. Evaluation of the seeding's success will not be made before completion of the second growing season after the vegetation becomes established. The Price BLM Office is to be notified a minimum of seven days before seeding a project.

46. The disturbed areas for the road and pipeline must be seeded in the fall of the year, immediately after the topsoil is replaced. The prescribed seed mixture is attached as appendix SM-B.

#### General

47. Prior to the use of insecticides, herbicides, fungicides, rodenticides and other similar substances, the operator must obtain from BLM, approval of a written plan. The plan must describe the type and quantity of material to be used, the pest to be controlled, the method of application, the location for storage and disposal of containers, and other information that BLM may require. A pesticide may be used only in accordance with its registered uses and within other agency limitations. Pesticides must not be permanently stored on public lands.

**Seed Mix A<sup>1</sup>**  
Temporary Disturbance  
(for berms, topsoil piles, pad margins)

**Forbes Lbs**

Yellow Sweetclover	2.0 lbs/acre
Ladak Alfalfa	2.0 lbs/acre
Cicer Milkvetch	1.0 lbs/acre
Palmer Penstemon	0.5 lbs/acre

**Grasses Lbs**

Crested Wheatgrass	2.0 lbs/acre
Great Basin Wildrye	2.0 lbs/acre
Intermediate Wheatgrass	2.0 lbs/acre

**Total** 11.5 lbs/acre

<sup>1</sup> Seed mix A is designed for rapid establishment, soil holding ability, and nitrogen fixing capability.  
C-4 EA, West Tavaputs Plateau Drilling Program

**Seed Mix B**  
Final Reclamation  
(for buried pipe lines, abandoned pads, road, etc.)

**Forbes Lbs**

Palmer Penstemon	0.5 lbs/acre
Golden Cryptantha	0.25 lbs/acre
Utah Sweetvetch	0.5 lbs/acre
Yellow Sweetclover <sup>1</sup>	2.0 lbs/acre
Lewis Flax	1.0 lbs/acre

**Grasses Lbs**

Indian Ricegrass	1.0 lbs/acre
Needle & Thread Grass	1.0 lbs/acre
Intermediate Wheatgrass	2.0 lbs/acre
Blue Grama	0.5 lbs/acre
Galletta	0.5 lbs/acre
Great Basin Wildrye	2.0 lbs/acre

**Woody Plants Lbs**

Fourwing Saltbush	2.0 lbs/acre
Winterfat	0.5 lbs/acre
Wyoming Big Sage brush	0.25 lbs/acre
Utah Serviceberry	1.0 lbs/acre
Blue Elderberry (Raw Seeds)	1.0 lbs/acre

**Total** 16.0 lbs/acre

<sup>1</sup> Yellow Sweetclover is planted as a nurse crop to provide solar protection, soil binding and nitrogen fixing. It will normally be crowded out in 2 to 3 years.

## TMC 1: Browse Hand Planting Tubeling Mixtures

One of the two browse species lists (checked below) are to be hand planted at the prescribed application rate and according to the following prescribed methods on areas that are undergoing long term reclamation. The would include all pipeline corridors, berm around edge of drill pads, miscellaneous disturbed areas associated with construction such as staging areas for equipment, sidecast on road cuts, along side upgraded or new roads up to and including borrow ditch and in the termination of redundant access roads being closed. This planting shall be completed in the first planting window following completion of construction and on all other disturbed areas upon final reclamation.

### Planting Methods:

Planting shall be accomplished using a labor force with specific experience in landscape restoration, hand planting methods and handling and care of browse tubling and or bareroot stock plants.

Browse plants to be utilized can be bareroot stock or tubling stock plants of 1 year old age class or greater.

Browse seedling protectors will be used to provide protection from browsing ungulates for two years. Seedling protectors will be of an open mesh rigid design that will break down when exposed to sunlight and that measures a minimum of 12 inches in length and 4 inches in diameter.

Planting shall be completed in the spring (March 1-April 1) and or fall (November 1-December 1) planting windows.

Browse plants shall be stored and handled in such a manner as to maintain viability, according to the type of browse stock being used.

### Planting Species and Application Rate:

Species	[ ] Sagebrush-Grass <u>Plants Per Acre</u>	[ ] Pinyon-Juniper
Wyoming Sagebrush (Gordon Creek)	100	50
Fourwing Saltbush (Utah seed source collected at or above 5,000 feet elevation)	100	50
True Mountain Mahogany (Utah seed source)	0	50
Antelope Bitterbrush (Utah seed source)	0	50
<b>Total</b>	<b>200</b>	<b>200</b>

### Suitable Substitutions:

Utah Serviceberry	no	50
Winterfat	100	no

Table 2.3 Lease Numbers, Oil and Gas Units, Federal ROW Requirements, and Lease Stipulations for the 12 Vertical Federal Wells Proposed by BBC.

Well Number/Location	Federal Lease Number and Stipulations	Unit Name	Federal ROW Needs
<b>Federal Wells</b>			
7-25	UTU-59970	Prickly Pear Unit	Lower Flat Iron Road
16-34	UTU-73671	Prickly Pear Unit	Lower Flat Iron Road
27-3	UTU-73670 <sup>1,2,3</sup>	Prickly Pear Unit	None
21-2	UTU-73670 <sup>1,2,3</sup>	Prickly Pear Unit	None
13-4	UTU-74385	Prickly Pear Unit	None
5-13	UTU-73665	Prickly Pear Unit	None
24-12	UTU-77513 <sup>1,2,3</sup>	Prickly Pear Unit	None
10-4	UTU-74386 <sup>1,2,3,4</sup>	Prickly Pear Unit	None
15-19	UTU-66801 <sup>1,2,3</sup>	Jack Canyon Unit	None
<b>Existing Pads</b>			
UT-10	UTU-66801 <sup>1,2,3</sup>	Peters Point Unit	None
PPH-8	UTU-66801 <sup>1,2,3</sup>	Peters Point Unit	None
PP-11	UTU-66801 <sup>1,2,3</sup>	Peters Point Unit	None
<b>State Wells</b>			
Section 2, T13 S, R15E	NA	Prickly Pear Unit	Lower Flat Iron Road
Section 36, T12S, R15E	NA	Prickly Pear Unit	Lower Flat Iron Road
Section 32, T12S, R16E	NA	Prickly Pear Unit	Lower Flat Iron Road
Section 2, T13S, R16E	NA	None	Peters Point Road Extension

<sup>1</sup> No occupancy or other surface disturbance will be allowed within 330 feet of the centerline or within the 100 year recurrence interval floodplain, whichever is greater, of the perennial streams, or within 660 feet of springs, whether flowing or not. This distance may be modified when specifically approved in writing by the authorized officer of the Bureau of Land Management.

<sup>2</sup> In order to minimize watershed damage, exploration drilling and other development activity will be allowed only during the period from May 1 to October 31. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically approved in writing by the authorized officer of the Bureau of Land Management.

<sup>3</sup> Construction of access roads and drill pads on slopes in excess of 30 percent will require special design standards to minimize watershed damage. Drilling operations and any associated construction activities on slopes in excess of 50 percent may require directional drilling to prevent damage to the watershed. Exceptions to the limitations may be specifically approved in writing by the authorized officer of the Bureau of Land Management.

<sup>4</sup> Raptor surveys will be required whenever surface disturbance and/or occupancy proposed in association with oil/gas exploration occur within a known nesting complex for raptors located in the NWNW Sec. 10. T12S, R14E. Field surveys will be conducted by the lessee/operator as determined by the authorized officer of the BLM. When surveys are required of the lessee/operator, the consultant hired must be found acceptable to the authorized officer prior to the field survey being conducted. Based on the result of the field survey, the authorized officer will determine appropriate buffer zones.

**APPENDIX B:**  
**APPLICANT-COMMITTED ENVIRONMENTAL PROTECTION MEASURES**

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## **1.0 INTRODUCTION**

Appendix B is part of BBC's Proposed Action for the WTPDP as described in Chapter 2.0, and BBC will comply with the standards, procedures, and requirements contained in Appendix B when implementing the Alternatives unless otherwise provided for by the BLM Authorized Officer (AO). Appendix B describes standard practices utilized to mitigate adverse effects caused by surface-disturbing activities.

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## 2.0 STANDARD PRACTICES

The following BMPs/Applicant-Committed Protection Measures (ACEPM) will be applied to all federal lands within the WTPPA by BBC to minimize impacts to the environment. Exception, modification, or waiver of a mitigation requirement may be granted if a thorough analysis by BLM determines that the resource(s) for which the measure was developed will not be impacted by the project activity. Further site-specific mitigation measures may be identified during the application for permit to drill (APD) and/or right-of-way (ROW) application review processes.

### 2.1 PRECONSTRUCTION PLANNING AND DESIGN MEASURES

1. BBC and/or their contractors and subcontractors will conduct all phases of project implementation, including well location, road and pipeline construction, drilling and completion operations, maintenance, reclamation, and abandonment in full compliance with all applicable federal, state, and local laws and regulations and within the guidelines specified in approved APDs and ROW permits. BBC will be held fully accountable for their contractor's and subcontractor's compliance with the requirements of the approved permit and/or plan.
2. Implementation of site-specific activities/actions will be contingent on BLM determining that the activity/action complies with the following plans:
  - Surface Use Plan and/or Plan of Development; and
  - Site-specific APD plans/reports (e.g., road and wellpad design plans, cultural clearance, special status plant species clearance, etc.).

The above plans may be prepared by the Companies for the project area or submitted incrementally with each APD, ROW application, or Sundry Notice (SN).

### 2.2 ROADS

1. BBC will construct roads on private surface in a safe and prudent manner to the specifications of landowners.
  2. Roads on federal surface will be constructed as described in BLM Manual 9113. Where necessary, running surfaces of the roads will be graveled if the base does not already contain sufficient aggregate.
  3. Existing roads will be used when the alignment is acceptable for the proposed use. Generally, roads will be required to follow natural contours; provide visual screening by constructing curves, etc.; and be reclaimed to BLM standards.
  4. To control or reduce sediment from roads, guidance involving proper road placement and buffer strips to stream channels, graveling, proper drainage, seasonal closure, and in some cases, redesign or closure of old roads will be developed when necessary. Construction may also be prohibited during periods when soil material is saturated, frozen, or when watershed damage is likely to occur.
  5. Available topsoil will be stripped from all road corridors prior to commencement of construction activities and will be redistributed and reseeded on backslope areas of the borrow ditch after completion of road construction activities. Borrow ditches will be reseeded in the first appropriate season after initial disturbance.
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6. On newly constructed roads and permanent roads, the placement of topsoil, seeding, and stabilization will be required on all cut and fill slopes unless conditions prohibit this (e.g., rock). No unnecessary side-casting of material (e.g., maintenance) on steep slopes will be allowed.
  7. Reclamation of abandoned roads will include requirements for reshaping, recontouring, resurfacing with topsoil, installation of water bars, and seeding on the contour. Road beds, wellpads, and other compacted areas will be ripped to a depth of 1.0 foot on 1.5 feet centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation will be spread over the disturbance for nutrient recycling, where practical. Fertilization or fencing of these disturbances will not normally be required. Additional erosion control measures (e.g., fiber matting) and road barriers to discourage travel may be required. Graveled roads, wellpads, and other sites will be stripped of usable gravel and hauled to new construction sites prior to ripping as deemed necessary by the AO. The removal of structures such as bridges, culverts, cattleguards, and signs will usually be required.
  8. Main artery roads, regardless of the primary user, will be crowned, ditched, drained, and, if deemed appropriate by the AO, surfaced with gravel.
  9. Unnecessary topographic alterations will be mitigated by avoiding, where possible, steep slopes, rugged topography, and perennial and ephemeral/intermittent drainages, and by minimizing the area disturbed.
  10. Upon completion of construction and/or production activities, the Companies will restore, to the extent practicable, the topography to near pre-existing contours at well sites, access roads, pipelines, and other facility sites.
  11. Existing roads will be used to the maximum extent possible and upgraded as necessary.
  12. BBC will comply with existing federal, state, and county requirements and restrictions to protect road networks and the traveling public.
  13. Special arrangements will be made with the Utah Department of Transportation to transport oversize loads to the project area. Otherwise, load limits will be observed at all times to prevent damage to existing road surfaces.
  14. All development activities along approved ROWs will be restricted to areas authorized in the approved ROW.
  15. Roads and pipelines will be located adjacent to existing linear facilities wherever practical.
  16. BBC and/or their contractors will post appropriate warning signs and require project vehicles to adhere to appropriate speed limits on project-required roads, as deemed necessary by the AO.
  16. BBC will be responsible for necessary preventative and corrective road maintenance for the duration of the project. Maintenance responsibilities may include, but are not limited to, blading, gravel surfacing, cleaning ditches and drainage facilities, dust abatement, noxious weed control, or other requirements as directed by the AO.
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### **2.3 WELLPADS AND FACILITIES**

1. In conformance with Onshore Oil and Gas Order No. 1, BBC will prepare and submit individual comprehensive drill site design plans for BLM approval. These plans will show the drill location layout over the existing topography; dimensions of the location; volumes and cross sections of cut and fill; location and dimensions of reserve pits; existing drainage patterns; and access road egress and ingress. Plans will be submitted and approved prior to initiation of construction.
2. No surface disturbance is recommended on slopes in excess of 25% unless erosion controls can be ensured and adequate revegetation is expected. Engineering proposals and revegetation and restoration plans will be required in these areas.
3. Reserve pits will be constructed to ensure protection of surface and ground water. The review to determine the need for installation of lining material will be done on a case-by-case basis and consider soil permeability, water quality, and depth to ground water.
4. Reserve pit liners will have a mullen burst strength that is equal to or exceeds 300 pounds, a puncture strength that is equal to or exceeds 160 pounds, and grab tensile strengths that are equal to or exceed 150 pounds. There will be verified test results conducted according to ASTM test standards. The liner will be totally resistant to deterioration by hydrocarbons.
5. Produced water from oil and gas operations will be disposed of in accordance with the requirements of Onshore Oil and Gas Order #7.
6. Pits will be fenced as specified in individual authorizations. Any pit containing harmful fluids will be maintained in a manner that will prevent migratory bird mortality.
7. Disturbances will be managed/reclaimed for zero runoff from the wellpad or other facility until the area is stabilized. All excavations and pits will be closed by backfilling and contouring to conform to surrounding terrain. On wellpads and other facilities, the surface use plan will include objectives for successful reclamation including soil stabilization, plant community composition, and desired vegetation density and diversity.
8. On producing wells, BBC will reduce slopes to original contours (not to exceed 3:1 slopes). Areas not used for production purposes will be backfilled and blended into the surrounding terrain, reseeded, and erosion control measures installed. Erosion control measures will be required after slope reduction. Mulching, erosion control measures, and fertilization may be required to achieve acceptable stabilization.
9. Abandoned sites will be satisfactorily rehabilitated in accordance with the approved APD.

### **2.4 PIPELINES**

1. Pipeline construction methods and practices will be completed in such a manner so as to obtain good reclamation and the re-establishment of the native plant community.
  2. On ditches exceeding 24 inches in width, 6 to 12 inches of surface soil will be salvaged on the entire right-of-way, where practicable. When pipelines are buried, there will be at least 30 inches of backfill on top of the pipe. Backfill will not extend above the original ground level after the fill has settled. Guides for construction and water bar placement found in "Surface Operating Standards for Oil and
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Gas Exploration and Development" (BLM and USFS 1989) will be followed. Bladed surface materials will be re-spread upon the cleared route once construction is completed. Disturbed areas that have been reclaimed will be fenced when the route is near livestock watering areas at the discretion of the AO.

3. Pipeline ROWs will be located to minimize soil disturbance to the greatest extent practicable. Mitigation will include locating pipeline ROWs adjacent to access roads to minimize ROW disturbance widths, or routing pipeline ROWs directly to minimize disturbance lengths.
4. Existing crowned and ditched roads will be used for access where possible to minimize surface disturbances. Clearing of pipeline ROWs will be accomplished with the least degree of disturbance to topsoil. Where topsoil removal is necessary, it will be stockpiled (windrowed) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the ROW will also be re-spread to provide protection, nutrient recycling, and a seed source.
5. Temporary disturbances which do not require major excavation (e.g., small pipelines) may be stripped of vegetation to ground level using mechanical treatment, leaving topsoil intact and root masses relatively undisturbed.
6. To promote soil stability, backfill over the trench will be compacted so as not to extend above the original ground level after the fill has settled. Wheel or other methods of compacting the pipeline trench backfill will occur at two levels to reduce trench settling and water channeling--once after 3 feet of fill has been replaced and once within 6-12 inches of the surface. Water bars, mulching, and terracing will be installed, as needed, to minimize erosion. Instream protection structures (e.g., drop structures) in drainages crossed by a pipeline will be installed at the discretion of the AO to prevent erosion.
7. BBC will adhere to the following procedures regarding the installation of pipelines during periods when the earth is frozen.
  - The BLM Price Field Office will be contacted at least 10 days prior to anticipated start of project. The project will not proceed until such time as authorization from BLM has been received by the Companies.
  - A BLM representative will be on the ground at the beginning of construction.
  - Snow, if present, will be removed utilizing a motor grader.
  - Vegetation will be scalped and windrowed to one side of the right-of-way.
  - A wheel trencher will be used to remove approximately 6-8 inches of topsoil from the top of the pipeline ditch and windrow it to one side.
  - A trench approximately 4 feet deep will be dug using a wheel trencher and the soil will be stockpiled to one side, making sure the top soil or spoil do not get mixed together.
  - The pipeline will be installed, the trench backfilled, and the spoil compacted in the trench.
  - Stockpiled topsoil will be placed in the trench and compacted.
  - Scalped vegetation back will be placed back on right-of-way using a motor grader.
  - The entire right-of-way will be reseeded as normal in the spring after the thaw.

These procedures will be incorporated in every Plan of Development where construction in frozen earth is anticipated.

## 2.5 AIR QUALITY

1. BBC will comply with all applicable local, state, and federal air quality laws, statutes, regulations, standards, and implementation plans.
2. BBC will obtain all necessary air quality permits from UDAQ to construct, test, and operate facilities.
3. All internal combustion equipment will be kept in good working order.
4. The Companies will use water at construction sites, as necessary, to abate fugitive dust.
5. The Companies will not allow any open burning of garbage or refuse at well sites or other facilities.

## 2.6 VEGETATION

1. Removal and disturbance of vegetation will be kept to a minimum through construction site management (e.g., using previously disturbed areas and existing easements, limiting equipment/materials storage yard and staging area size, etc.).
2. Wellpads and associated roads and pipelines will be located to avoid or minimize impacts in areas of high value (e.g., sensitive species habitats, wetland/riparian areas).

## 2.7 SOILS

1. Surface-disturbing activities will be examined on a site-specific basis, evaluating the potential for soil loss and the compatibility of soil properties with project design. Stipulations and mitigating measures will be developed on a case-by-case basis to ensure soil conservation and practical management.
  2. BBC will restrict construction activities during periods when soils are saturated and excessive rutting (>4 inches with multiple passes) would occur.
  3. Salvage and subsequent replacement of topsoil will occur for surface-disturbing activities wherever specified by the AO.
  4. Before a surface-disturbing activity is undertaken, topsoil depth will be determined and the amount of topsoil to be removed, along with topsoil placement areas, will be specified in the authorization. The uniform distribution of topsoil over the area to be reclaimed will occur unless conditions warrant a varying depth. On large surface-disturbing projects topsoil will be stockpiled and seeded to reduce erosion. Where feasible, topsoil stockpiles will be designed to maximize surface area to reduce impacts to soil microorganisms. Areas used for spoil storage will be stripped of topsoil before spoil placement, and the replacement of topsoil after spoil removal will be required.
  5. BBC will avoid adverse impacts to soils by:
    - minimizing the area of disturbance;
    - avoiding construction with frozen soil materials to the extent practicable;
    - avoiding areas with high erosion potential (e.g., unstable soil, dunal areas, slopes greater than 25%, floodplains), where practicable;
    - salvaging and selectively handling topsoil from disturbed areas;
    - adequately protecting stockpiled topsoil and replacing it on the surface during reclamation;
    - leaving the soil intact (scalping only) during pipeline construction, where practicable;
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- using appropriate erosion and sedimentation control techniques including, but not limited to, diversion terraces, riprap, and matting;
  - promptly revegetating disturbed areas using adapted species;
  - applying temporary erosion control measures such as temporary vegetation cover, application of mulch, netting, or soil stabilizers; and/or
  - constructing barriers, as appropriate, to minimize wind and water erosion and sedimentation prior to vegetation establishment.
6. Appropriate erosion control and revegetation measures will be employed. Grading and landscaping will be used to minimize slopes, and water bars will be installed on disturbed slopes in areas with unstable soils where seeding alone may not adequately control erosion. Erosion control efforts will be monitored by the Companies and necessary modifications made to control erosion.
  7. Sufficient topsoil or other suitable material to facilitate revegetation will be segregated from subsoils during all construction operations requiring excavation and will be returned to the surface upon completion of operations. Soils compacted during construction will be ripped and tilled as necessary prior to reseeding. Cut and fill sections on all roads and along pipelines will be revegetated with native species.
  8. Any accidental soil contamination by spills of petroleum products or other hazardous materials will be cleaned up by the Companies and the soil disposed of or rehabilitated according to applicable rules.
  9. BBC will restrict off-road vehicle (ORV) activity by employees and contract workers to the immediate area of authorized activity or existing roads and trails.

## 2.8 RECLAMATION

1. BBC's reclamation goals will emphasize: 1) protection of existing native vegetation; 2) minimal disturbance of the existing environment; 3) soil stabilization through establishment of ground cover; and 4) establishment of native vegetation consistent with land use planning.
  2. All reclamation will be accomplished as soon as possible after the disturbance occurs with efforts continuing until a satisfactory revegetation cover is established.
  3. Seed mixtures for reclaimed areas will be site-specific, composed of native species, and will include species promoting soil stability. A pre-disturbance species composition list will be developed if the site includes several different plant communities. Livestock palatability and wildlife habitat needs will be given consideration during seed mix formulation. BLM Manual 1745, *Introduction, Transplant, Augmentation, and Reestablishment of Fish, Wildlife, and Plants*, and Executive Order No. 11987, *Exotic Organisms*, will be used as guidance.
  4. Interseeding, secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provision will be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures will occur on areas where initial reclamation efforts are unsuccessful.
  5. Any mulch used by BBC will be weed free and free from mold, fungi, or noxious weed seeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting, and rock. Straw mulch will contain fibers long enough to facilitate crimping and provide the greatest cover.
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6. BBC will be responsible for the control of all noxious weed infestations on disturbed surfaces. Aerial application of chemicals will be prohibited within 0.25 mile of special status plant locations, and hand application will be prohibited within 500 feet. Herbicide application will be monitored by the AO.
  7. Recontouring and seedbed preparation will occur immediately prior to reseeding on the unused portion of wellpads, road ROWs, and entire pipeline ROWs outside of road ROWs. In the event of uneconomical wells, BBC will initiate reclamation of the entire wellpads, access road, and adjacent disturbed habitat as soon as possible. BBC assumes the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which results in the proper reclamation of disturbed lands. BBC will monitor reclamation to determine and ensure successful establishment of vegetation. No consent to termination of any bond will be given by the AO until all the terms and conditions of the approved permit(s) have been met.
  8. Proper erosion and sediment control structures and techniques will be incorporated by the Companies into the design of wellpads, roads, pipelines, and other facilities. Revegetation using a BLM-approved, locally adapted seed mixture containing native grasses, forbs, and shrubs will begin in the first appropriate season following disturbance. Vegetation removed will be replaced with plants of equal forage value and growth form using procedures that include:
    - fall reseeding (September 15 to freeze-up), where feasible;
    - spring reseeding (April 30 - May 31) if fall seeding is not feasible;
    - deep ripping of compacted soils prior to reseeding;
    - surface pitting/roughening prior to reseeding;
    - utilization of native cool season grasses, forbs, and shrubs in the seed mix;
    - interseeding shrubs into an established stand of grasses and forbs at least one year after seeding;
    - appropriate, approved weed control techniques;
    - broadcast or drill seeding, depending on site conditions; and
    - fencing of certain sensitive reclamation sites (e.g., riparian areas, steep slopes, and areas within 0.5 mile of livestock watering facilities) as determined necessary through monitoring.
  9. BBC will monitor noxious weed occurrence on the project area and implement a noxious weed control program in cooperation with BLM. Weed-free certification by county extension agents will be required for grain or straw used for mulching revegetated areas.

## **2.9 CANDIDATE PLANTS/SPECIAL STATUS PLANTS**

1. Herbicide applications will be kept at least 500 feet from known special status plant species populations or other distances deemed safe by the AO.
2. Wellpads and associated roads and pipelines will be located to avoid or minimize impacts to areas of high value (e.g., special status plant species habitats, wetland/riparian areas).

## **2.10 WATERSHEDS**

1. Crossings of ephemeral, intermittent, and perennial streams associated with road and utility line construction will generally be restricted until normal flows are established after spring runoff.
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## **2.11 GEOLOGICAL/PALEONTOLOGICAL RESOURCES**

1. Wells, pipelines, and ancillary facilities will be designed and constructed such that they will not be damaged by moderate earthquakes. Any facilities defined as critical according to the Uniform Building Code will be constructed in accordance with applicable Uniform Building Code Standards for Seismic Risk Zone 2B.
2. If paleontological resources are uncovered during surface-disturbing activities, BBC will suspend operations at the site that will further disturb such materials and immediately contact the AO, who will arrange for a determination of significance, and, if necessary, recommend a recovery or avoidance plan.

## **2.12 CULTURAL/HISTORICAL RESOURCES**

1. BBC will follow the cultural resources and recovery plan for the project.
2. If cultural resources are located within frozen soils or sediments that preclude the possibility of adequately recording or evaluating the find, construction work will cease and the site will be protected for the duration of frozen soil conditions. Recordation, evaluation and recommendations concerning further management will be made to the AO following natural thaw. The AO will consult with the affected parties and construction work will resume once management of the threatened site has been finalized and the Notice to Proceed has been issued.
3. BBC will inform their employees, contractors and subcontractors about relevant federal regulations intended to protect archaeological and cultural resources. All personnel will be informed that collecting artifacts, including arrowheads, is a violation of federal law and that employees engaged in this activity may be subject to disciplinary action.

## **2.13 WATER RESOURCES**

1. BBC will maintain a complete copy of the SPCC Plan at each facility if the facility is normally attended at least 8 hours per day, or at the nearest field office if the facility is not so attended (40 CFR 112.3(e)).
  2. BBC will implement and adhere to SPCC Plans in a manner such that any spill or accidental discharge of oil will be remediated. An orientation will be conducted by the Companies to ensure that project personnel are aware of the potential impacts that can result from accidental spills, as well as the appropriate recourse if a spill does occur. Where applicable and/or required by law, streams at pipeline crossings will be protected from contamination by pipeline shutoff valves or other systems capable of minimizing accidental discharge.
  3. If reserve pit leakage is detected, operations at the site will be curtailed, as directed by the BLM, until the leakage is corrected.
  4. BBC will case and cement all gas wells to protect subsurface mineral and freshwater zones. Unproductive wells and wells that have completed their intended purpose will be properly abandoned and plugged using procedures identified by BLM (federal mineral estate) and/or WOGCC (state and fee mineral estate).
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5. All water used in association with this project will be obtained from sources previously approved by the Utah State Engineer's Office.
  6. Erosion-prone or high salinity areas will be avoided where practicable. Necessary construction in these areas will be timed to avoid periods of greatest runoff.
  7. BBC will incorporate proper containment of condensate and produced water in tanks and drilling fluids in reserve pits, and will locate staging areas for storage of equipment away from drainages to prevent contaminants from entering surface waters.
  8. Prudent use of erosion control measures, including diversion terraces, riprap, matting, temporary sediment traps, and water bars will be employed by the Companies as necessary. These erosion control measures will be used as appropriate to control surface runoff generated at wellpads. The type and location of sediment control structures, including construction methods, will be described in APD and ROW plans. If necessary, BBC may treat diverted water in detention ponds prior to release to meet applicable state or federal standards.
  9. BBC will construct channel crossings by pipelines so that the pipe is buried at least 3 feet below the channel bottom.
  10. Streams/channels crossed by roads will have culverts installed at all appropriate locations as specified in the BLM Manual 9112-*Bridges and Major Culverts* and Manual 9113-*Roads*. Streams will be crossed perpendicular to flow, where possible, and all stream crossing structures will be designed to carry the 25-year discharge event or other capacities as directed by the AO.
  11. BBC will reshape disturbed channel beds to their approximate original configuration.
  12. The disposal of all hydrostatic test water will be done in conformance with BLM Onshore Oil and Gas Order No. 7. BBC will comply with state and federal regulations for water discharged into an established drainage channel. The rate of discharge will not exceed the capacity of the channel to convey the increased flow. Waters that do not meet applicable state or federal standards will be evaporated, treated, or disposed of at an approved disposal facility.
  13. BBC will prepare Storm Water Pollution Prevention Plans (SWPPPs) as required by WDEQ National Pollution Discharge Elimination System (NPDES) permit requirements on individual disturbances that exceed 5 acres in size or as required by future changes in regulations.
  14. Any disturbances to wetlands and/or waters of the U.S. will be coordinated with the COE, and 404 permits will be secured as necessary prior to disturbance.
  15. Where disturbance of wetlands, riparian areas, streams, or ephemeral/intermittent stream channels cannot be avoided, COE Section 404 permits will be obtained by BBC as required, and, in addition to applicable above-listed measures, the following measures will be applied where appropriate:
    - wetland areas will be crossed during dry conditions (i.e., late summer, fall, or dry winters);
    - streams, wetlands, and riparian areas disturbed during project construction will be restored to as near re-project conditions as practical and, if impermeable soils contributed to wetland formation, soils will be compacted to reestablish impermeability;
    - wetland topsoil will be selectively handled;
    - disturbed areas will be recontoured and BLM-approved species will be used for reclamation; and
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- reclamation activities will begin on disturbed wetlands immediately after completion of project activities.

## **2.14 NOISE**

1. All engines required for project activities will be properly muffled and maintained in accordance with state and federal laws.

## **2.15 WILDLIFE, FISHERIES, AND THREATENED AND ENDANGERED (T&E) SPECIES**

1. To minimize wildlife mortality due to vehicle collisions, BBC will advise project personnel regarding appropriate speed limits in the project area. Roads no longer required for operations will be reclaimed as soon as possible. Potential increases in poaching will be minimized through employee and contractor education regarding wildlife laws. If wildlife law violations are discovered, the offending employee will be subject to disciplinary action by BBC.
2. BBC will protect (e.g., fence or net) reserve, workover, and production pits potentially hazardous to prohibit wildlife access as directed by BLM.
3. BBC will utilize wildlife-proof fencing on reclaimed areas in accordance with standards specified in BLM Handbook 1741-1, *Fencing*, if it is determined that wildlife are interfering with successful reestablishment of vegetation.
4. Consultation and coordination with USFWS and UDWR will be conducted for all mitigation activities relating to raptors and T&E species and their habitats, and all permits required for movement, removal, and/or establishment of raptor nests will be obtained.
5. BBC will adhere to all survey, mitigation, and monitoring requirements identified in the Biological Assessment prepared for this project.

## **2.16 LIVESTOCK/GRAZING MANAGEMENT**

1. BBC will reclaim nonessential areas disturbed during construction activities in the first appropriate season after well completion.
  2. Nonessential areas include portions of the wellpads not needed for production operations, the borrow ditch and outslope portions of new road ROWs, entire pipeline ROWs outside of road ROWs, and all roads and associated disturbed areas at nonproductive wells.
  3. BBC will repair or replace fences, cattleguards, gates, drift fences, and natural barriers to current BLM standards. Cattleguards will be used instead of gates for livestock control on most road ROWs. Livestock will be protected from pipeline trenches, and livestock access to existing water sources will be maintained.
  4. BBC will review livestock impacts from roads or disturbance from construction and drilling activities at least annually with livestock permittees and BLM. Appropriate measures will be taken to correct any adverse impacts, should they occur.
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**2.17 RECREATION**

1. BBC will instruct employees, contractors, and subcontractors that camp sites on federal lands or at federal recreation sites must not be occupied for more than 14 consecutive days.
2. BBC will require that employees, contractors, and subcontractors abide by all state and federal laws and regulations regarding hunting.

**2.18 VISUAL RESOURCES**

1. Pipeline ROWs will be located within existing ROWs whenever possible, and aboveground facilities not requiring safety coloration will be painted with appropriate nonreflective standard environmental colors (Carlsbad Canyon or Desert Brown, or other specified standard environmental colors) as determined by the AO. Topographic screening, vegetation manipulation, project scheduling, and traffic control procedures may all be employed, as practicable, to further reduce visual impacts.
2. Within VRM Class II areas, BBC will utilize existing topography to screen roads, pipeline corridors, drill rigs, wells, and production facilities from view where practicable. The Companies will paint all aboveground production facilities with appropriate colors (e.g., Carlsbad Canyon or Desert Brown) to blend with adjacent terrain, except for structures that require safety coloration in accordance with OSHA requirements.

**2.19 HEALTH AND SAFETY/HAZARDOUS MATERIALS**

1. BBC will utilize BLM-approved portable sanitation facilities at drill sites; place warning signs near hazardous areas and along roadways; place dumpsters at each construction site to collect and store garbage and refuse; ensure that all refuse and garbage is transported to a State-approved sanitary landfill for disposal; and institute a Hazard Communication Program for its employees and require subcontractor programs in accordance with OSHA (29 CFR 1910.1200).
  2. In accordance with 29 CFR 1910.1200, a Material Safety Data Sheet for every chemical or hazardous material brought on-site will be kept on file BBC's field offices.
  3. Chemicals and hazardous materials will be inventoried and reported by BBC in accordance with the SARA Title III (40 CFR 335). If quantities exceeding 10,000 pounds or the threshold planning quantity are to be produced or stored, BBC will submit appropriate Section 311 and 312 forms at the required times to the State and County Emergency Management Coordinators and the local fire departments.
  4. BBC will transport and/or dispose of any hazardous wastes, as defined by the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, in accordance with all applicable federal, state, and local regulations.
  5. BBC commits to the following practices regarding hazardous material containment.
    - All storage tank batteries that contain any oil, glycol, produced water, or other fluid which may constitute a hazard to public health or safety will be surrounded by a secondary means of containment for the entire contents of the largest single tank in use plus freeboard for precipitation, or to contain 110% of the capacity of the largest vessel. The appropriate containment and/or diversionary structures or equipment, including walls and floor, will contain
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any oil, glycol or produced water and shall be constructed so that any discharge from a primary containment system, such as a tank or pipe, will not drain, infiltrate, or otherwise escape to ground or surface waters before cleanup is completed.

- Treaters, dehydrators and other production facilities that have the potential to leak or spill oil, glycol, produced water, or other fluid which may constitute a hazard to public health or safety, shall be placed on or within appropriate containment and/or diversionary structure to prevent spilled or leaking fluid from reaching ground or surface waters. The appropriate containment and/or diversionary structure will be sufficiently impervious to oil, glycol, produced water, or other fluid and will be installed so that any spill or leakage will not drain, infiltrate, or otherwise escape to ground or surface waters prior to completion of cleanup.
  - Notice of any spill or leakage, as defined in BLM NTL 3A, will be immediately reported to the AO by the Companies as well as to such other federal and state officials as required by law. Oral notice will be given as soon as possible, but within no more than 24 hours, and those oral notices will be confirmed in writing within 72 hours of any such occurrence.
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### C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the BLM Price Field Office, Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

Spud- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed with the Moab Field Office for approval of all changes of plans and subsequent operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Price Field Office is to be notified.

First Production- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Moab Field Office. The Moab Field Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor (BLM) shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

Produced Water- An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

TABLE 1

NOTIFICATIONS

Notify Don Stephens (435-636-3608) of the BLM Price Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation;

1 day prior to spudding;

50 feet prior to reaching the surface casing setting depth;

3 hours prior to testing BOP equipment.

If the person at the above number cannot be reached, notify the Moab Field Office at 435-259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at 435-259-2100. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer

Office: 435-259-2117

Home: 435-259-2214

008

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 73665
2. NAME OF OPERATOR: Bill Barrett Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 Denver CO 80202		7. UNIT or CA AGREEMENT NAME: Prickly Pear Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1582' FNL & 960' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 13 12S 14E		8. WELL NAME and NUMBER: Prickly Pear Unit Fed 5-13-12-14
PHONE NUMBER: (303) 312-8168		9. API NUMBER: 4300731008
COUNTY Carbon		10. FIELD AND POOL, OR WILDCAT: Prickly Pear Unit/Mesaverde
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached to this sundry is a copy of a general completion procedure and wellbore diagram to be used in the Nine Mile Canyon area. The exact number of stages and depths will be determined after logs have been run for each well in the Nine Mile area. Upon approval, it is Bill Barrett Corporation's intention to commingle production from the Wasatch, Middle Wasatch, North Horn (part of the lower Wasatch) and Mesaverde formations.

Gas composition is similar across all formations. The pressure profile across the formations is normal and BBC does not anticipate any cross flow.

Production is considered to be from one pool. In the event that allocation by zone or interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval.

A letter and affidavit of notice is being submitted under separate cover.

NAME (PLEASE PRINT) Tracey Fallang	TITLE Permit Analyst
SIGNATURE <i>Tracey Fallang</i>	DATE 10/4/2004

(This space for State use only)

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Federal Approval Of This  
Action Is Necessary

RECEIVED

OCT 06 2004

(5/2000)

Date: 11/17/04

By: *[Signature]*

(See Instructions on Reverse Side)

DIV. OF OIL, GAS &amp; MINING



**Nine Mile Canyon Generic Completion Procedure**  
Carbon Co., UT

**Generic Multi-stage Completion Procedure**

Current Well Status: New completion with intention of downhole commingling

Objective: Rigless completion. Perf and frac various sands in separate frac stages.

Procedure:

- 1) Install wellhead isolation tool. Test casing to 3500 psi for 10" and low test to 250 psi for 10".
- 2) MIRU electric line unit. RIH with 4" casing gun, perforate interval from (to be determined) with 3 jspf, 120 deg phasing. POOH.
- 3) MIRU Halliburton frac equipment. Test all frac lines to 5000 psi. Frac **Stage 1** per frac rec.

- 
- 4) RIH with 5-1/2" flow through composite frac plug and 4" casing gun. Set plug # 1 at (to be determined). Perforate 2nd interval from (to be determined) with 3 jspf, 120 deg phasing. POOH.
  - 5) Test all frac lines to 5000 psi. Frac **Stage 2** per rec.

- 
- 6) RIH with 5-1/2" flow through composite frac plug and 4" casing gun. Set plug # 2 at (to be determined). Perforate 3<sup>rd</sup> interval from (to be determined) with 3 jspf, 120 deg phasing. POOH.
  - 7) Test all frac lines to 5000 psi. Frac **Stage 3** per rec.
  - 8) Flow back frac Stages 1 through 3 24-48 hrs to cleanup.

- 
- 9) RU service unit. RU e-line and RIH with 5-1/2" composite bridge plug and set at (to be determined). Remove well head isolation tool. NU BOP's. Pressure test BOP's to 3000 psi, test hydril to 1500 psi. Run 4-3/4" drag bit with pump off bit sub with dart valve, 1 jt 2-3/8" tubing, 2-3/8" "XN" and "X" profile nipple, rest of 2-3/8" tubing. Drill out all plugs. Clean out to PBTD. Utilize foam unit if necessary to obtain sufficient returns. EOT depth to be determined.
  - 10) Strip BOP's off and NU wellhead.
  - 11) Drop ball, pump off bit and sub. Swab well in and place all intervals on production.
  - 12) RDMO service unit. Turn well to sales.

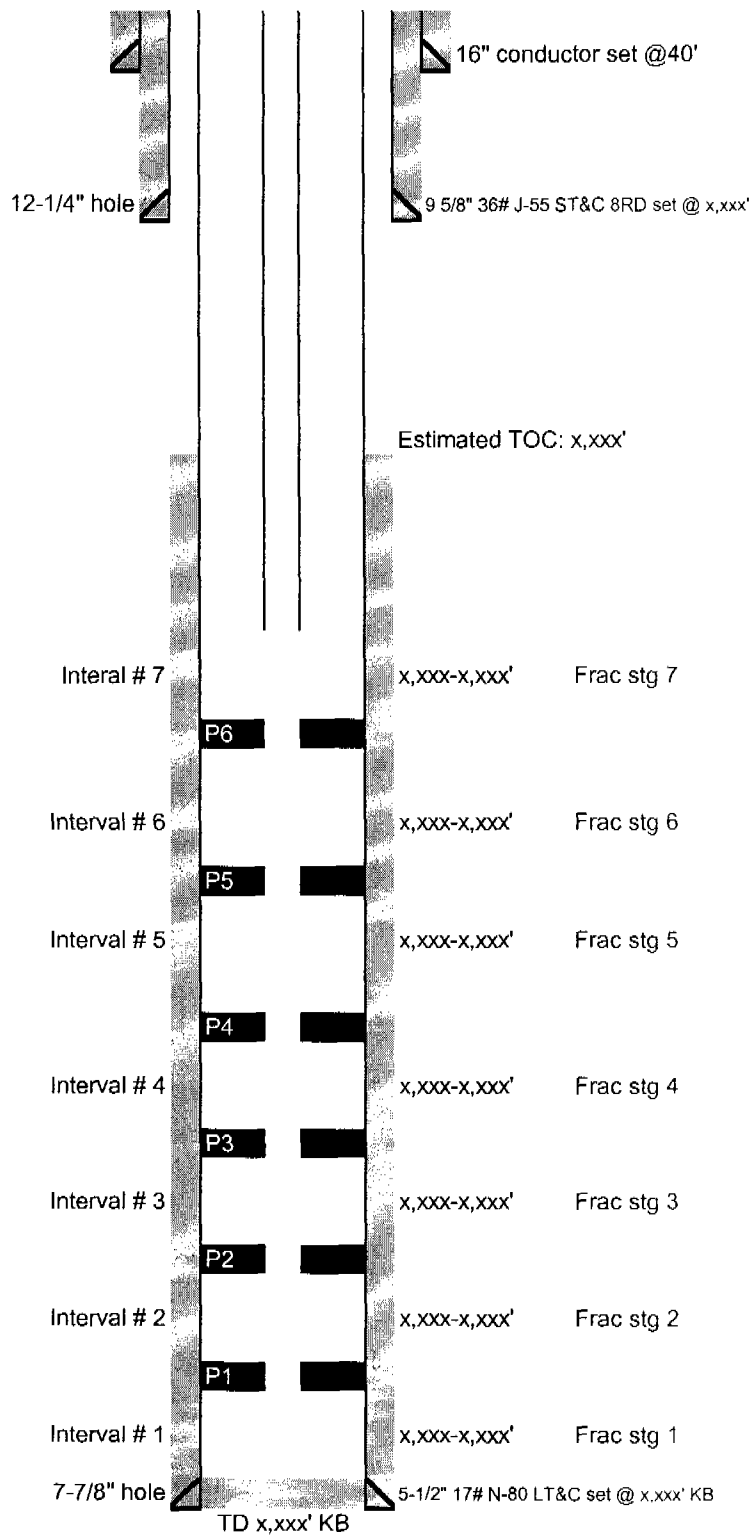
Note: There may be up to 10 frac stages.



Generic well bore diagram  
Nine Mile Canyon

Carbon Co., UT

5-1/2" 17# N-80 LT&C specs:  
ID-4.892"  
Drift-4.767"  
Burst-7740 psi  
Collapse-6280 psi



**Bill Barrett Corporation**

October 18, 2004

Federal Express

Utah Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
Salt Lake City, Utah 84116  
Attention: Mr. Dustin Doucet

RE: Sundry Notice  
Prickly Pear Unit Federal 5-13  
SWNW Section 13, Township 12 South, Range 14 East  
Carbon County, Utah

Dear Mr. Doucet:

Bill Barrett Corporation has submitted a Sundry Notice to commingle production from the Wasatch, Middle Wasatch, North Horn and Mesaverde Formations in the captioned well. We have enclosed herewith a copy of the Sundry Notice together with a plat showing the leases and wells in the area, a description of the recompletion procedures and an affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regard, please contact the undersigned at 303-312-8184 or by email at [dgundry-white@billbarrettcorp.com](mailto:dgundry-white@billbarrettcorp.com). Your earliest attention to this matter is most appreciated.

Sincerely  
Bill Barrett Corporation

Doug Gundry-White  
Consulting Landman

RECEIVED

OCT 19 2004

OFFICE OF THE ATTORNEY GENERAL

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

**AFFIDAVIT**

Affiant on oath swears that the following statements are true:

My name is Douglas W. Gundry-White. I am a Petroleum Landman working for Bill Barrett Corporation (BBC). BBC has submitted a Sundry Notice to commingle production from the Wasatch, Middle Wasatch, North Horn and Mesaverde Formations in the Prickly Pear Unit Federal 5-13, which is located in the SWNW Section 13, Township 12 South, Range 14 East, Carbon County Utah. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notice, by certified mail, to the owners and unleased mineral owners (see listed below) of all contiguous oil and gas leases or drilling units overlying the pool.

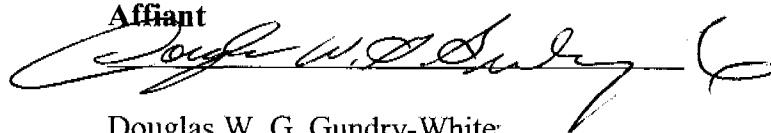
Mr. Dale E. Armstrong  
435 East Northmont Way  
Salt Lake City, Utah 84103

Ms. Peggy N. Henrie  
4703 Ichabod  
Holliday, Utah 84117-6405

Date:

10/18/09

**Affiant**

A handwritten signature in black ink, appearing to read 'Douglas W. Gundry-White', with a large, stylized flourish at the end.

Douglas W. G. Gundry-White

**Bill Barrett Corporation**

October 19, 2004

Utah Division of Oil, Gas & Mining  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801  
Attention: Mr. Dustin Doucet

RE: Sundry Notices  
Prickly Pear Unit Federal 5-13  
Prickly Pear Unit Federal 21-2  
Prickly Pear Unit Federal 13-4  
Carbon County, Utah

Dear Mr. Doucet:

Further to our correspondence of October 18, 2004, please find enclosed an updated land plat related to the Sundry Notice we submitted for the Prickly Pear Unit Federal 21-2. The enclosed plat reflects the location of the 21-2 well and the survey distances from the section lines.

In addition, we have enclosed a modified or amended Affidavit pertaining to the Prickly Pear Unit Federal 5-13 and 13-4 wells. Mr. Dale Armstrong and Ms. Peggy Henrie own certain unleased mineral interests in adjacent or contiguous drilling units. The enclosed affidavit dated October 19, 2004 confirms that we have provided these individuals with copies of the Sundry Notices for both of these wells.

Should you require additional information in this regard, please contact the undersigned at 303-312-8184.

Sincerely  
Bill Barrett Corporation

Doug Gundry-White  
Consulting Landman

RECEIVED  
OCT 26 2004

DIV. OF OIL, GAS & MINING

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

**AFFIDAVIT**

Affiant on oath swears that the following statements are true:

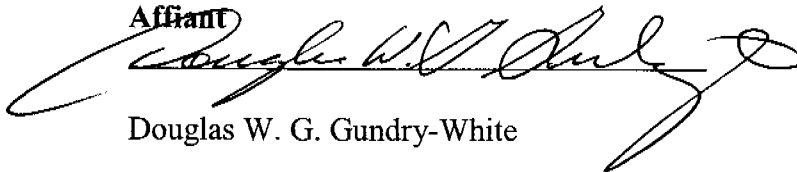
My name is Douglas W. G. Gundry-White. I am a Petroleum Landman working for Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch, Middle Wasatch, North Horn and Mesaverde Formations in the Prickly Pear Unit Federal 5-13, which is located in the SWNW Section 13, Township 12 South, Range 14 East and the Prickly Pear Unit Federal 13-4, which is located in the CSE Section 13, Township 12 South, Range 14 East, Carbon County Utah. In compliance with the Utah OGM regulation R649-3-22, I have provided copies of the Sundry Notices, by certified mail, to the owners and unleased mineral owners (see listed below) of all contiguous oil and gas leases or drilling units overlying the pool.

Mr. Dale E. Armstrong  
435 East Northmont Way  
Salt Lake City, Utah 84103

Ms. Peggy N. Henrie  
4703 Ichabod  
Holliday, Utah 84117-6405

Date: 10/19/04

Affiant

  
Douglas W. G. Gundry-White

TRACT NO.	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER AND EXPIRATION DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD AND PERCENTAGE	OVERRIDING ROYALTY AND PERCENTAGE	WORKING INTEREST AND PERCENTAGE
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FEE LANDS:

PC

33.	<u>T12S-R14E, S.L.M.</u> Sec. 13: NE¼SW¼;	106.63	Fee	✓ Freed Investment Co. – 12.5% (50%)	✓ 1) Wasatch Oil & Gas, LLC 50%	✓ Freed Investment Co. 4.166%	✓ Wasatch Oil & Gas, LLC 50%
	<u>T12S-R15E, S.L.M.</u> Sec. 19: Lot 2;		Effective				
			1) 3-21-1979	Estate of Thorald Rich - 3.125% (25%)	✓ 2) Wasatch Oil & Gas, LLC 25%	✓ Wasatch Oil & Gas, LLC 2.1875% Stonegate Resources, LLC .3125%	✓ Wasatch Oil & Gas, LLC 25%
			2) 7-1-2001				
			3) 9-27-01				
	4) 9-27-01		✓ Peggy Henri (12.5%)	✓ 3) Wasatch Oil & Gas, LLC 12.5%*		✓ Wasatch Oil & Gas, LLC 12.5%*	
	Expires						
	1) HBP		✓ Dale E. Armstrong (12.5%)	✓ 4) Wasatch Oil & Gas, LLC 12.5%*		✓ Wasatch Oil & Gas, LLC 12.5%*	
	2) 6-30-2006						
	3) 9-27-02						
4) 9-27-02							
<u>T12S-R14E, S.L.M.</u> Sec. 24: SE¼NE¼;			✓ Freed Investment Co. – 12.5% (14.41%)	✓ 1) Wasatch Oil & Gas, LLC 100%	✓ Freed Investment Co. 4.166%	✓ Wasatch Oil & Gas, LLC 100%	
			Estate of Thorald Rich - 5.349375% (42.795%)	✓ 2) Wasatch Oil & Gas, LLC 100%	✓ Wasatch Oil & Gas, LLC 2.1875% Stonegate Resources, LLC .3125%	✓ Wasatch Oil & Gas, LLC 100%	
			✓ Peggy Henri (21.3975%)	✓ 3) Wasatch Oil & Gas, LLC 21.3975%*		✓ Wasatch Oil & Gas, LLC 21.3975%*	
			✓ Dale E. Armstrong (21.3975%)	✓ 4) Wasatch Oil & Gas, LLC 21.3975%*		✓ Wasatch Oil & Gas, LLC 21.3975%*	

\* Subject to an Exploration Agreement





## Tar Sands

1048.66 Ac.

480 Ac.  
BILL BARRETT CORP 50%  
EOG RES INC 38%  
PANNONIAN ENERGY 12%

## Tar Sands

Fee	
-----	--

Free

## Tar Sands

## Tar Sands

## Tar Sands

## Tar Sands

UTU-072054  
6/30/2003  
1048.66 Ac.

## Tar Sands

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

011

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **Bill Barrett Corporation**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8168**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached

5. Lease Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached **43-007-31008**

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

Carbon, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other: Alternate
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	production casing
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM-BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This sundry is being submitted to request an alternate production casing design, if the 5 1/2" N-80 proposed is unavailable. As an alternative, BBC would like to utilize 5 1/2", 17#, 1-80 production casing. All of the casing characteristics/strengths are the same as the N-80 with exception to the tensile strength, 1-80 is rated at 338K lbs whereas N-80 has a tensile rating of 348K lbs.

A spreadsheet of the wells BBC would like this option on is attached.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Tracey Fallang**

Title **Permit Analyst**

Signature

*Tracey Fallang*

Date

**05/23/2005**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to these rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**MAY 2 / 2005**

**DIV. OF OIL, GAS & MINING**

4. Location of Well	5. Lease Serial No.	7. If Unit or CA Agreement, Name and No.	8. Lease Name and No.	9. API #	10. Field and Pool	11. Sec. T, R and Survey or Area
NESE, 2638 FNL, 910 FEL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed 9-36-12-16	43-007-31011	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
2647 FSL, 898 FEL	UTU-04049	Peter's Point Unit	Peter's Point Unit Fed 2-36D-12-16	43-007-31010	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
2657 FSL, 886 FEL	UTU-04049 (SH) UTU-0737 (BH)	Peter's Point Unit	Peter's Point Unit Fed 12-31D-12-17	43-007-31009	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
2620 FSL, 934 FEL	UTU-0681 (SH) UTU-03333 (BH)	Peter's Point Unit	Peter's Point Unit Fed 4-31D-12-17	43-007-30810	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
700 FNL, 2439 FWL	UTU-0744	Peter's Point Unit	Peter's Point Unit Fed 16-6D-13-17	43-007-31004	Peter's Point Unit/Exploratory	Sec. 6-T13S-R17E, S.L.B.&M.
563 FNL, 999 FWL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed 8-35D-12-16	43-007-31024	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
567 FNL, 1013 FWL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed 16-26D-12-16	43-007-30812	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
571 FNL, 1028 FWL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed 14-25D-12-16	43-007-30764	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
1338 FSL, 973 FEL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed 16-35-12-16	43-007-30965	Peter's Point Unit/Mesaverde	Sec. 35-T12S-R16E, S.L.B.&M.
2596 FNL, 1348 FEL	UTU-73671	Prickly Pear Unit	Prickly Pear Unit Fed 7-33D-12-15	43-007-30985	Prickly Pear Unit/Mesaverde	Sec. 33-T12S-R15E, S.L.B.&M.
2115 FNL, 2063 FEL	UTU-73896	Prickly Pear Unit	Prickly Pear Unit Fed 7-25-12-15	43-007-30954	Prickly Pear Unit/Mesaverde	Sec. 25-T12S-R15E, S.L.B.&M.
856 FSL, 1225 FEL	UTU-73671	Prickly Pear Unit	Prickly Pear Unit Fed 16-34-12-15	43-007-30955	Prickly Pear Unit/Mesaverde	Sec. 34-T12S-R15E, S.L.B.&M.
676 FSL, 1934 FWL	UTSL-0071595	Peter's Point Unit	Peter's Point Unit Fed 14-34-12-16	43-007-30983	Prickly Pear Unit/Mesaverde	Sec. 34-T12S-R16E, S.L.B.&M.
1582 FNL, 960 FWL	UTU-73665	Prickly Pear Unit	Prickly Pear Unit Fed 5-13-12-14	43-007-31008	Prickly Pear Unit/Mesaverde	Sec. 13-T12S-R14E, S.L.B.&M.

Well name:  
Operator: **Bill Barrett**  
String type: Production  
Location: Uintah County, UT

**Utah: Nine Mile (I-80)**

**Design parameters:**

Collapse  
Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

Collapse:  
Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 75.00 °F  
Bottom hole temperature: 215 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Burst:

Design factor 1.00

Cement top: 2,375 ft

Burst

Max anticipated surface  
pressure: 4,705 psi  
Internal gradient: 0.02 psi/ft  
Calculated BHP 4,935 psi

Tension:

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.80 (J)  
Premium: 1.80 (J)  
Body yield: 1.80 (B)

Non-directional string.

Annular backup: 9.50 ppg

Tension is based on buoyed weight.  
Neutral point: 8,559 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	5.5	17.00	I-80	LT&C	10000	10000	4.767	344.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4935	6290	1.275	4705	7740	1.65	146	338	2.32 J

Prepared Dominic Spencer  
by: Bill Barrett

Phone: (303) 312-8143  
FAX: (303) 312-8195

Date: 23-May-05  
Denver, Colorado

**Remarks:**

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

**I-80  
Performance  
Property  
Comparison**

Outside Diameter, inch	Weight T & C, lb per ft	Thread Type	I-80 Performance Properties					J-55 Performance Properties					N-80 Performance Properties				
			Collapse, psi	Burst, psi	Tension, 1000 lbs Pipe Body Yield	Joint Strength	Maximum Set Depth, feet	Collapse psi	Burst, psi	Tension, 1000 lbs Pipe Body Yield	Joint Strength	Maximum Set Depth, feet	Collapse, psi	Burst, psi	Tension, 1000 lbs Pipe Body Yield	Joint Strength	Maximum Set Depth, feet
4.500	9.50	Short	3900	6380	221	138	6930	3310	4380	152	101	5890	3900	6380	221	143	6930
	10.50	Short	4940	6970	241	173	8780	4010	4790	165	132	7000	4940	6970	241	186	8780
	11.60	Long	6350	7780	267	201	9610	4960	5350	184	162	7760	6350	7780	267	223	10680
5.500	14.00	Short	3620	6210	322	234	6440	3120	4270	222	172	5550	3620	6210	322	243	6440
	15.50	Long	4990	7000	361	282	8870	4040	4810	248	217	7180	4990	7000	361	306	8870
	17.00	Long	6280	7740	397	320	10470	4910	5320	273	247	8060	6280	7740	397	348	11170
7.000	20.00	Short	2740	5440	460	320	4870	2270	3740	316	234	4040	2740	5440	460	331	4870
	23.00	Long	3830	6340	532	428	6810	3270	4360	366	313	5810	3830	6340	532	442	6810
	26.00	Long	5410	7240	604	502	9620	4320	4980	415	367	7680	5410	7240	604	519	9620
8.625	24.00	Short	1430	4290	555	337	2540	1370	2950	381	244	2440	1430	4290	555	346	2540
	28.00	Long	2160	4930	636	478	3840	1880	3390	437	348	3340	2160	4930	636	493	3840
	32.00	Long	3050	5710	732	574	5420	2530	3930	503	417	4500	3050	5710	732	591	5420

**I-80 Dimensions,  
Torques and  
Hydro-Test  
Pressures**

Outside Diameter, inch	Weight T & C, lb per ft	Thread Type	Dimensions, inch					Make-Up Torque			Hydro- Test Pressure, psi
			Wall Thickness	Inside Diameter	Drift Diameter	Coupling Outside Diameter	Make-up Loss	Optimum	Minimum	Maximum	
4.500	9.50	Short	0.205	4.090	3.965	5.000	2.000	1380	1040	1730	5800
	10.50	Short	0.224	4.052	3.927	5.000	2.625	1790	1340	2240	6400
	11.60	Long	0.250	4.000	3.875	5.000	3.000	2190	1640	2740	7100
5.500	14.00	Short	0.244	5.012	4.887	6.050	2.875	2340	1760	2930	5700
	15.50	Long	0.275	4.950	4.825	6.050	3.500	2950	2210	3690	6400
	17.00	Long	0.304	4.892	4.767	6.050	3.500	3350	2510	4190	7100
7.000	20.00	Short	0.272	6.456	6.331	7.656	3.125	3200	2400	4000	5000
	23.00	Long	0.317	6.366	6.250	7.656	4.000	4280	3210	5350	5800
	26.00	Long	0.362	6.276	6.151	7.656	4.000	5020	3770	6280	6600
8.625	24.00	Short	0.264	8.097	7.972	9.625	3.000	3370	2530	4210	3900
	28.00	Long	0.304	8.017	7.892	9.625	4.500	4780	3590	5980	4500
	32.00	Long	0.352	7.921	7.875	9.625	4.500	5740	4310	7180	5200

1. API Bulletin 5C3, Sixth Edition, October 1994 was used to determine the listed properties.

2. The vertical set depth was computed using a 9.625 lb. per U.S. gallon mud, and safety factors of 1.125, 1.0 and 1.8 respectively, for collapse, burst and tension.

3. Products are available plain end and with IPSCO's premium connects QB1 and QB2.

4. As a service, IPSCO offers casing string designs upon request.

The information and data contained herein are accurate to our knowledge, based upon standard industry calculations. Buyers are encouraged to make their own evaluations of the above derived performance properties for their particular use. The specific warranty applicable to these goods is as contained in IPSCO's Order Acknowledgment, Conditions of Sale.



P.O. Box 18  
Camanche, Iowa 52730  
Phone: (563) 242-0000  
Toll Free: 1-800-950-4772

400 505-3rd Street SW  
Calgary, Alberta T2P 3E6  
Phone: (403) 543-8000  
Toll Free: 1-877-780-7560

P.O. Box 1670  
Regina, Saskatchewan S4P 3C7  
Phone: (306) 924-7700  
Toll Free: 1-800-667-1616



**Bill Barrett Corporation**

May 17, 2005

Mr. Dustin Doucet  
Utah Division of Oil, Gas & Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Sundry Notices  
Prickly Pear Unit Federal 5-13  
Prickly Pear Unit Federal 21-2  
Prickly Pear Unit Federal 13-4  
Carbon County, Utah

43-007131008  
12S 14E 13  
CONFIDENTIAL  
**RECEIVED**  
**MAY 19 2005**  
DIV. OF OIL, GAS & MINING

Dear Mr. Doucet:

Bill Barrett Corporation (BBC) had previously submitted a commingling request on October 19, 2004 for the above-mentioned wells and received subsequent approval. BBC is now requesting to amend the previous approval and is enclosing Sundry Notices to commingle production from the Wasatch Formation (which is inclusive of a lower overall Transition zone), Middle Wasatch, North Horn (part of the lower Wasatch) and Mesaverde Formations.

Our request for commingling of particular zones is consistent with a prior PA authorization in Section 16, Township 12 South, Range 15 East of the Prickly Pear Unit for the Initial Wasatch-Mesaverde Formation Participating Area "A", dated January 28, 2005, from the Utah State BLM office; a copy of such authorization is enclosed.

The enclosed amended affidavit dated May 17, 2005 confirms that we have provided these individuals with copies of the Sundry Notices and an affidavit for these wells.

Should you require additional information in this regard, please contact the undersigned at 303-312-8512 or [mbarber@billbarrettcorp.com](mailto:mbarber@billbarrettcorp.com).

Sincerely

*Matt Barber*

Matt Barber  
Contract Permit Analyst for BBC

cc: Eric Jones, Moab BLM Field Office

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

**AFFIDAVIT**

Affiant an oath swears that the following statements are true:

My name is Tab McGinley. I am a Senior Landman working for Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices that will amend the commingle production from the Wasatch Formation (which is inclusive of a lower overall Transition zone), Middle Wasatch, North Horn and Mesaverde formations in the Prickly Pear Unit Federal 5-13, which is located SWNW Section 13, Township 12 South, Range 14 East, Prickly Pear Unit Federal 21-2, which is located SWNW Section 21, Township 12 South, Range 15 East and the Prickly Pear Unit Federal 13-4, which is located in the CSE Section 13, Township 12 South, Range 14 East, Carbon county, Utah.

Our request for commingling of particular zones is consistent with a prior PA authorization in Section 16, Township 12 South, Range 15 East of the Prickly Pear Unit for the Initial Wasatch-Mesaverde Formation Participating Area "A", dated January 28, 2005, from the Utah State BLM office; a copy of such authorization is enclosed.

In compliance with the Utah DOGM regulation R649-3-22, I have provided copies of the Sundry Notices, by certified mail, to the owners and unleased mineral owners (see listed below) of all contiguous oil and gas leases or drilling units overlying the pool,.

Mr. Dale E. Armstrong  
435 East Northmont Way  
Salt Lake City, Utah 84103

Ms. Peggy N. Henrie  
4703 Ichabod  
Holliday, Utah 84117-6405

Gasco Energy, Inc  
14 Inverness Drive East, Suite H-236  
Englewood, CO 80112  
Attention: Mr. Marc Choury

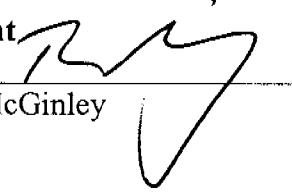
Mr. Rick Jeffs  
Brek Petroleum, Inc.  
c/o Anne McFadden  
DaCosta Management Corporation  
Suite 600, 1100 Melville Street  
Vancouver, B.C. V6E 4A6  
CANADA

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, Oklahoma 73134-2600  
Attention: Mr. Rusty Waters

EOG Resources, Inc.  
600 17<sup>th</sup> Street, Suite 1100N  
Denver, CO 80202  
Attention: Mr. Bob Davis

Date: 5-17-05

Affiant

  
Tab McGinley

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>CONFIDENTIAL</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 73665
2. NAME OF OPERATOR: Bill Barrett Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Prickly Pear Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1582' FNL & 960' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 13 12S 14E		8. WELL NAME and NUMBER: Prickly Pear Unit Fed 5-13-12-14
PHONE NUMBER: (303) 312-8512		9. API NUMBER: 4300731008
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Prickly Pear Unit/Mesaverde
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Bill Barrett Corporation (BBC) had previously submitted a commingling request on October 19, 2004 and received subsequent approval. BBC is now requesting to amend the previous approval by submitting this Sundry Notice to commingle production from the Wasatch Formation (which is inclusive of a lower overall Transition zone), Middle Wasatch, North Horn (part of the lower Wasatch) and Mesaverde Formations.

Our request for commingling of particular zones is consistent with a prior PA authorization in Section 16, Township 12 South, Range 15 East of the Prickly Pear Unit for the Initial Wasatch-Mesaverde Formation Participating Area "A", dated January 28, 2005, from the Utah State BLM office; a copy of such authorization is enclosed.

Gas composition is similar across all formations. The pressure profile across the formations is normal and BBC does not anticipate any cross flow.

Production is considered to be from one pool. In the event that allocation by zone or interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval.

A letter and affidavit of notice is being submitted under separate cover.

NAME (PLEASE PRINT) <u>Matt Barber</u>	TITLE <u>Contract Permit Analyst for the Bill Barrett Corp.</u>
SIGNATURE <u>Matt Barber</u>	DATE <u>5/17/2005</u>

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Date: 6/3/05

By: [Signature]

(See Instructions on Reverse Side)

(5/2000)

RECEIVED  
MAY 19 2005  
DIV. OF OIL, GAS & MINING





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

**JAN 28 2005**

Bill Barrett Corporation  
1099 18<sup>th</sup> Street, Suite 2300  
Denver, Colorado 80202

Re: Initial Wasatch-Mesaverde Formation PA "A"  
Prickly Pear Unit  
Carbon County, Utah

Gentlemen:

The Initial Wasatch-Mesaverde Formation Participating Area "A", Prickly Pear Unit, UTU79487A, is hereby approved effective as of November 22, 2002, pursuant to Section 11 of the Prickly Pear Unit Agreement, Carbon County, Utah.

The Initial Wasatch-Mesaverde Formation Participating Area "A" results in an Initial Participating Area of 640.00 acres and is based upon the completion of the following wells as being capable of producing unitized substances in paying quantities.

WELL NO.	API NO.	LOCATION	LEASE NO.
5-16	43-007-30943	SWNW, 16-12S-15E	ML-46708
7-16	43-007-30945	SWNE, 16-12S-15E	ML-46708
13-16	43-007-30933	SWSW, 16-12S-15E	ML-46708
16-15	43-007-30522	SWSE16-12S-15E	ML-46708

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the establishment of the Initial Wasatch-Mesaverde Formation Participating Area "A", Prickly Pear Unit, and the effective date.

Sincerely,

Terry Catlin  
Acting Chief, Branch of Fluid Minerals

Enclosure

**RECEIVED**

**MAY 19 2005**

**DIV. OF OIL, GAS & MINING**



**Bill Barrett Corporation**

January 25, 2005

Ms. Terry L. Catlin  
Acting Chief, Branch of Fluid Minerals  
United States Department of the Interior  
Bureau of Land Management - Utah State Office  
324 South State, Suite 301  
Salt Lake City, Utah 84111-2303

Re: **APPLICATION**

Initial ~~Consolidated~~ Wasatch-Mesaverde Participating Area "A"  
Prickly Pear Unit, Carbon County, Utah

Dear Ms. Catlin:

Bill Barrett Corporation, as unit operator for the Prickly Pear Unit Agreement, pursuant to provisions of Section 9 thereof, respectfully submits for your approval the selection of the following described lands to constitute the Initial ~~Consolidated~~ Wasatch-Mesaverde Participating Area "A", to wit:

See Exhibit "B" attached hereto

In support of this application, the following items are attached hereto and made a part hereof:

- (1) A schedule showing the lands entitled to participation in the unitized substances produced from the Wasatch-Mesaverde formations, with the percentage of participation of each lease or tract indicated thereon. This schedule is attached hereto as Exhibit "B".
- (2) An ownership map, attached hereto as Exhibit "A", showing thereon the boundary of the unit area and the boundary of the proposed initial participating area. Tract numbers correspond with the original unit number designations.

Applicant is also submitting a type log in triplicate from the Prickly Pear Unit Well No. 7-16, located in the SW/4NE/4 Section 16, Township 12 South, Range 15 East. The enclosed type log indicates the upper and lower limits of the producing horizons as the top of the Wasatch Formation and the base of the Mesaverde Group. The Wasatch, which is inclusive of a lower Transition zone, is at a depth of 2070' in this particular well and is typically identified by an overall decrease in resistivity in the area. The base of the Mesaverde Group is represented as the base of the lowermost shoreline sand as found in either the Blackhawk or Star Point Formations. This pick also represents the top of a continuous Mancos shale. On the enclosed type log, the Spring Canyon member of the Blackhawk is the lowest most shoreline sand that is present, with a base depth of 9560'. However, the lowest shoreline sand member may extend deeper than the Spring Canyon member of the Blackhawk formation in other wells within the proposed participating area.

CONFIDENTIAL

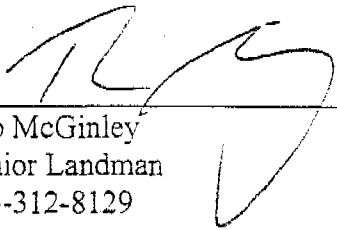
**Participating Area Application**  
**Prickly Pear Unit**  
**January 25, 2005**  
**Page 2 of 2**

Therefore applicant requests that the producing horizons for the proposed participating area be defined as *"Those horizons extending from the top of the Wasatch Formation down through the lowest most shoreline sand found in the Mesaverde Group"*.

Applicant respectfully requests your approval of the above selection of lands and the proposed producing horizon defined herein to constitute the Initial ~~Consolidated~~ Wasatch-Mesaverde Participating Area "A" for the Prickly Pear Unit, effective as of November 22, 2003.

Sincerely,

**BILL BARRETT CORPORATION**



---

Tab McGinley  
Senior Landman  
303-312-8129

SITLA LEASE NO  
ML-46708  
640.00 Acres  
Unit Tract No.29

☉ Prickly Pear Unit Well No.  
5-16

☉ Prickly Pear Unit Well No.  
7-16

12S/15E  
16

☉ Prickly Pear Unit Well No.  
13-16

☉ Prickly Pear Unit Well No.  
16-15

EXHIBIT - A



**Bill Barrett Corporation**

PRICKLY PEAR UNIT  
INITIAL CONSOLIDATED  
WASATCH TO MESAVERDE  
PARTICIPATING AREA "A"  
Carbon County, Utah

Status as of 01/21/05

CONFIDENTIAL

EXHIBIT "B"

TRACT NO.	LEASE NO.	TWN	RNG	SEC	SUBDIVISION	NUMBER OF ACRES	PERCENT OF PARTICIPATION
--------------	-----------	-----	-----	-----	-------------	--------------------	-----------------------------

29	ML 46708	12S	15E	16	ALL	640.00	100.000000%
----	----------	-----	-----	----	-----	--------	-------------

TOTAL						640.00	100.000000%
-------	--	--	--	--	--	--------	-------------

SUMMARY		
FEDERAL LANDS	0.00	0%
STATE LANDS	640.00	100%
PATENTED LANDS	0.00	0%
TOTAL	640.00	100%

**From:** "Anne McFadden" <anne@dacostacorp.com>  
**To:** <dustindoucet@utah.gov>  
**Date:** 5/24/2005 3:23:11 PM  
**Subject:** Bill Barrett Corporation and Prickly Pear Unit wells

CONFIDENTIAL

Dear Mr. Doucet:

Brek Petroleum Inc. is in receipt of a letter from Bill Barrett Corporation dated May 17, 2005 regarding Sundry Notices, Prickly Pear Unit Federal 5-13, Prickly Pear Unit Federal 21-2 and Prickly Pear Unit Federal 13-4, Carbon County, Utah, to amend the previous commingling approval to commingle production from the Wasatch Formation (which is inclusive of a lower overall Transition Zone), Middle Wasatch, North Horn (part of the lower Wasatch) and Mesaverde Formations.

Brek Petroleum Inc. has no objection the commingling procedures as referenced by Bill Barrett Corporation.

Regards,

Anne McFadden

For Rick Jeffs, President

Brek Petroleum Inc.

**CC:** . <mbarber@billbarrettcorp.com>

**From:** "Mark Choury" <mchoury@gascoenergy.com>  
**To:** <dustindoucet@utah.gov>  
**Date:** 5/27/2005 11:44:30 AM  
**Subject:** Bill Barrett Corporation's Prickly Pear wells

Dustin,

Please be advised that Gasco Energy, Inc. has no objection to Barrett's request to commingle production on the following wells:

Prickly Pear Unit Fasselin 5-19

Prickly Pear Unit Federal 7-25

Prickly Pear Unit Federal 7-33D

Prickly Pear Unit Federal 5-13

Prickly Pear Unit Federal 13-4

Prickly Pear Unit Federa; 21-2

Mark J. Choury

Land Manager

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 73665
2. NAME OF OPERATOR: BILL BARRETT CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 1099 18th Street, Suite 2300 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: PRICKLY PEAR UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1582' FNL, 960' FWL		8. WELL NAME and NUMBER: Prickly Pear Unit Federal #5-13
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 13 12S 14E		9. API NUMBER: 4300731008
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Prickly Pear Unit/Mesaverde
STATE: UTAH		

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Permit Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This sundry is being submitted to request an extension on the upcoming expiring APD (expires 9/14/2005).

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 08-09-05  
By: [Signature]

SENT TO OPERATOR  
Date: 8-11-05  
By: [Signature]

NAME (PLEASE PRINT) <u>Matt Barber</u>	TITLE <u>Contract Permit Specialist for BBC</u>
SIGNATURE <u>Matt Barber</u>	DATE <u>8/5/2005</u>

(This space for State use only)

**RECEIVED**  
**AUG 08 2005**



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4300731008  
**Well Name:** Prickly Pear Unit Federal #5-13-12-14  
**Location:** SW/4 NW/4 Sec. 13-T12S-R14E  
**Company Permit Issued to:** Bill Barrett Corporation  
**Date Original Permit Issued:** 9/14/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Matt Barker  
Signature

8/5/2005  
Date

Title: Contract Permit Analyst for BBC

Representing: Bill Barrett Corporation

RECEIVED

AUG 08 2005

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

## DIVISION OF OIL, GAS AND MINING

### ***SPUDDING INFORMATION***

Name of Company: BILL BARRETT CORPORATION

Well Name: PRICKLY PEAR U FED 5-13-12-14

Api No: 43-007-31008 Lease Type: FEDERAL

Section 13 Township 12S Range 14E County CARBON

Drilling Contractor PETE MARTIN RIG # RATHOLE

### **SPUDDED:**

Date 08/16/05

Time 10:00 AM

How DRY

***Drilling will Commence:*** \_\_\_\_\_

Reported by VICTOR STEIER

Telephone # 1-254-204-6897

Date 08/16/2005 Signed CHD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**ENTITY ACTION FORM**

Operator: Bill Barrett Corporation  
Address: 1099 18th Street, Suite 2300  
city Denver  
state CO zip 80202

Operator Account Number: N 2165

Phone Number: (303) 312-8188

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4300731008	Prickly Pear Unit Federal #5-13	SWNW	13	12S	14E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	14897	8/18/2005	8/31/05		
Comments: <u>MURD</u>						<b>CONFIDENTIAL</b>

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Matt Barber

Name (Please Print)

Matt Barber

Signature

Contract BBC Permit Analyst

8/25/2005

Title

Date

**RECEIVED**

**AUG 25 2005**

OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **BILL BARRETT CORPORATION**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8168**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1582' FNL, 960' FWL, SWNW, Sec. 13-T12S-R14E**

5. Lease Serial No.  
**UTU 73665**

6. If Indian, Allottee or Tribe Name  
**n/a**

7. If Unit or CA/Agreement, Name and/or No.  
**Prickly Pear Unit**

8. Well Name and No.  
**Prickly Pear Unit Fed 5-13-12-14**

9. API Well No.  
**43-007-31008**

10. Field and Pool, or Exploratory Area  
**Prickly Pear Unit/Mesaverde**

11. County or Parish, State  
**Carbon, UT**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Weekly Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Reports</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**WEEKLY DRILLING ACTIVITY REPORT FROM 08/31/2005 - 09/04/2005.**

**RECEIVED**

**SEP 12 2005**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Matt Barber**

Title **Contract Permit Analyst for the Bill Barrett Corp.**

Signature

*Matt Barber*

Date

**09/09/2005**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

# REGULATORY DRILLING SUMMARY



Bill Barrett Corporation

Well : Prickly Pear Unit Fed #5-13-12-14  
Surface Location : SWNW-13-12S-14 E 26th PM  
Spud Date : 9/4/2005 Days From Spud : 0  
Morning Operations : DRILLING AHEAD @ 120'

API # : 43-007-31008  
Area : Nine Mile Canyon

Operations Date : 9/4/2005  
Report # : 5  
Depth At 06:00 : 120  
Estimated Total Depth : 7510

Time To	Description
9:30:00 PM	CONTINUE TO WAIT ON PARTS FOR DRAWWORKS, CONTINUE R/U, PARTS ARRIVED @ 19:00HRS INSTALLED BRAKE BANDS, P/U KELLY, (15.5HRS DOWN TIME ON SST) VICTOR STEIER-BBC & TIM NELSON-SST
1:30:00 AM	N/U CONDUCTOR PIPE & STRAP BHA # 1 & P/U
6:00:00 AM	SPUD WELL @01:30 HRS ON 9-4-05. DRILLING FROM 49' TO 120' 71' IN 4.5HRS = 15.7FPH

## Remarks :

DSLTA: 10,156  
WEATHER: 85°/50°  
SAFETY MTTNG: GENERAL RIG MAINTANCE,  
WORKING SHORT HANDED P/U COLLARS  
(2-HANDS SHORT MORNING TOUR)  
FUEL ON HAND 10,269 Gals. (USED:799 GAL)  
CUM FUEL USED: 799 GALS.  
FUEL RECIEVED: GALS.(CUM:8000 GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: 170 BBLS CUM: 5020 BBLS  
CENTRAFUGE:OFF  
DESANDER/DESILTER:OFF  
SHAKER:110/84  
TOTAL DAILY WATER LOSSES: 0 BBLS  
LOST 0 BBLS IN FORMATION  
CUM MUD LOSSES: BBLS  
CUM ROTATING HRS: HRS  
SPR #1 50 SPM PSI @ FT.  
SPR #2 50 SPM PSI @ FT.  
VENDERS ON CALL:  
(15.5HRS DOWN TIME ON SST)  
RECIEVED 1020' 9 5/8 ,36#, J-55 CSG, 9-3-05  
SPUD WELL: 9-4-05 @ 01:30HRS

Well : Prickly Pear Unit Fed #5-13-12-14  
Surface Location : SWNW-13-12S-14 E 26th PM  
Spud Date : 9/4/2005 Days From Spud : 0  
Morning Operations : WAITING ON PARTS FOR DRAWWORKS

API # : 43-007-31008  
Area : Nine Mile Canyon

Operations Date : 9/3/2005  
Report # : 4  
Depth At 06:00 : 0  
Estimated Total Depth : 7510

Time To	Description
9:30:00 PM	CONTINUE R/U ( 7-TRUCKS ARRIVED @ 06:30) (ALL TRUCKS RELIECED @ 12:30 9-2-05) STOOD DERRICK UP R/U FLOOR & KELLY, BEGIN FILLING TANKS & MUD PITS (BREAK TOURS TODAY)
6:00:00 AM	HANG BLOCKS TO REPAIR BRAKE BANDS PARTS ARE NEEDED OUT OF CASPER WYO. (WAITING ON BRAKE PARTS FOR DRAWWORKS)

## Remarks :

DSLTA: 10,155  
WEATHER: 85°/40°  
SAFETY MTTNG: R/U & FALL PROTECTION, AIR  
TUGGER  
FUEL ON HAND 11068 Gals. (USED: GAL)  
CUM FUEL USED: GALS.  
FUEL RECIEVED:8000 GALS.(CUM:8000 GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: 4850 BBLS CUM: 4850 BBLS  
CENTRAFUGE:OFF  
DESANDER/DESILTER:OFF  
SHAKER:250/250  
TOTAL DAILY WATER LOSSES: 0 BBLS  
LOST 0 BBLS IN FORMATION  
CUM MUD LOSSES: BBLS  
CUM ROTATING HRS: HRS  
SPR #1 50 SPM PSI @ FT.  
SPR #2 50 SPM PSI @ FT.  
(8.5 HRS RIG REPAIR ON SST)  
VENDERS ON CALL:  
CONTACTED BLM (DON STEPHENS) LEFT MESSAGE  
SPUD NOTICE, POSSIBLE SPUD DATE 9-3-05, WELL #,  
API #, SURFACE HOLE SIZE, CSG SIZE, CONTRACTOR  
SST #54, MY NAME & TEL. #.  
CONTACTED STATE (CAROL DANIELS) WELL # TEL#,  
POSSIBLE SPUD DATE 9-3-05.  
ORDERED 1000' 9 5/8 ,36#, J-55 CSG, BEING  
DELIVERED 9-3-05,

# REGULATORY DRILLING SUMMARY



Bill Barrett Corporation

Well : Prickly Pear Unit Fed #5-13-12-14  
Surface Location : SWNW-13-12S-14 E 26th PM  
Spud Date : 9/4/2005 Days From Spud : 0  
Morning Operations : CONTINUE R/U

API # : 43-007-31008  
Area : Nine Mile Canyon

Operations Date : 9/2/2005  
Report # : 3  
Depth At 06:00 : 0  
Estimated Total Depth : 7510

Time To	Description
6:00:00 PM	CONTINUE R/U ON P.P. 5-13,(7-TRUCKS ON LOCATION @ 06:30) MOVE & SET DERRICK ON FLOOR, SET BACK YARD, MOVE CAMPS & SETUP.(FINISH INSPECTION BHA)
6:00:00 AM	DAYLIGHT OPERATIONS

Remarks :

DSLTA: 10,154  
WEATHER: 85°/40°  
SAFETY MTTNG: HOOKING CHAINS, COMMUNICATION  
FUEL ON HAND 7661 Gals. (USED: GAL)  
CUM FUEL USED: GALS.  
FUEL RECIEVED: GALS.(CUM: GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: BBLS CUM: BBLS  
CENTRAFUGE:OFF  
DESANDER/DESILTER:OFF  
SHAKER:250/250  
TOTAL DAILY WATER LOSSES: 0 BBLS  
LOST 0 BBLS IN FORMATION  
CUM MUD LOSSES: BBLS  
CUM ROTATING HRS: HRS

SPR #1 50 SPM PSI @ FT.  
SPR #2 50 SPM PSI @ FT.

Well : Prickly Pear Unit Fed #5-13-12-14  
Surface Location : SWNW-13-12S-14 E 26th PM  
Spud Date : 9/4/2005 Days From Spud : 0  
Morning Operations : Rig move to Prickley Pear 5-13

API # : 43-007-31008  
Area : Nine Mile Canyon

Operations Date : 9/1/2005  
Report # : 2  
Depth At 06:00 : 0  
Estimated Total Depth : 7510

Time To	Description
6:00:00 PM	R/D & MOVE TO PRICKLY PEAR 5-13. (7-TRUCKS ARRIVED @06:30) MOVED ALL BUILDINGS, SET MATTING BOARDS & SUB ON LOCATION. (INSPECTING ALL BHA)
6:00:00 AM	DAYLIGHT OPERATIONS

Remarks :

DSLTA: 10,152  
WEATHER: 80°/40°  
SAFETY MTTNG: R/D DERRICK & SUB  
FUEL ON HAND 7661 Gals. (USED: GAL)  
CUM FUEL USED: GALS.  
FUEL RECIEVED: GALS.(CUM: GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: BBLS CUM: BBLS  
CENTRAFUGE:OFF  
DESANDER/DESILTER:OFF  
SHAKER:250/250  
TOTAL DAILY WATER LOSSES: 0 BBLS  
LOST 0 BBLS IN FORMATION  
CUM MUD LOSSES: BBLS  
CUM ROTATING HRS: HRS

SPR #1 50 SPM PSI @ FT.  
SPR #2 50 SPM PSI @ FT.

# REGULATORY DRILLING SUMMARY



Bill Barrett Corporation

Well : Prickly Pear Unit Fed #5-13-12-14

API # : 43-007-31008

Operations Date : 8/31/2005

Surface Location : SWNW-13-12S-14 E 26th PM

Area : Nine Mile Canyon

Report # : 1

Spud Date : 9/4/2005

Days From Spud : 0

Depth At 06:00 : 0

Morning Operations : Rig Down and move.

Estimated Total Depth : 7510

Time To	Description
6:00:00 PM	Rig down and prepair to move to Prickley Pear 5-13-12-14 location. Derrick ready to lay over this AM. Trucks on location this AM.

## Remarks :

DSLTA: 10,152  
WEATHER: 80\*/54\*  
SAFETY MTTNG:  
FUEL ON HAND 7661 Gals. (USED: 489 GAL)  
CUM FUEL USED: 22775 GALS.  
FUEL RECIEVED: GALS.(CUM:28,000 GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: 900 BBLS CUM:11640 BBLS  
CENTRAFUGE:OFF  
DESANDER/DESILTER:OFF  
SHAKER:250/250  
TOTAL DAILY WATER LOSSES: 0 BBLS  
LOST 0 BBLS IN FORMATION  
CUM MUD LOSSES: 455 BBLS  
CUM ROTATING HRS: 332 HRS  
8" MUD MOTOR: (8005) DAILY: CUM: 24.5HRS  
6.25" MUD MOTOR: (6064) DAILY:CUM: 131  
6.25" MUD MOTOR: (6055) DAILY:CUM: 58  
6.25" MUD MOTOR: (6135) DAILY: CUM: 77.5  
6.25" MUD MOTOR: (6152) DAILY: CUM: 51.5  
6.25" MUD MOTOR: (6157) DAILY: CUM: 24.5  
SPR #1 50 SPM PSI @ FT.  
SPR #2 50 SPM PSI @ FT.

CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **BILL BARRETT CORPORATION**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8168**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1582' FNL, 960' FWL., SWNW, Sec. 13-T12S-R14E**

5. Lease Serial No.

**UTU 73665**

6. If Indian, Allottee or Tribe Name

**n/a**

7. If Unit or CA/Agreement, Name and/or No.

**Prickly Pear Unit**

8. Well Name and No.

**Prickly Pear Unit Fed 5-13-12-14**

9. API Well No.

**43-007-31008**

10. Field and Pool, or Exploratory Area

**Prickly Pear Unit/Mesaverde**

11. County or Parish, State

**Carbon, UT**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Weekly Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Reports</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**WEEKLY DRILLING ACTIVITY REPORT FROM 09/05/2005 - 09/11/2005.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Matt Barber**

Title **Contract Permit Analyst for the Bill Barrett Corp.**

Signature

*Matt Barber*

Date

**09/13/2005**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**SEP 16 2005**

**DIV. OF OIL, GAS & MINING**



# REGULATORY DRILLING SUMMARY



Bill Barrett Corporation

Well : Prickly Pear Unit Fed #5-13-12-14  
Surface Location : SWNW-13-12S-14 E 26th PM  
Spud Date : 9/4/2005 Days From Spud : 7  
Morning Operations : DRILLING @ 6567'

API # : 43-007-31008  
Area : Nine Mile Canyon

Operations Date : 9/11/2005  
Report # : 12  
Depth At 06:00 : 6567  
Estimated Total Depth : 7510

Time To	Description
11:30:00 AM	DRILLING FROM 6150' TO 6303' 153' IN 5.5HRS = 27.8FPH
12:00:00 PM	RIG SERVICE
3:30:00 PM	DRILLING FROM 6303' TO 6392' 90' IN 3.5HRS = 25.7FPH
4:00:00 PM	SURVEY @ 6321' = 2.25*
6:00:00 AM	DRILLING FROM 6393' TO 6567' 174' IN 14HRS = 12.4FPH

## Remarks :

DSLTA: 10,163  
WEATHER: 70\*/40\*  
SAFETY MTTNG:ELECTRICAL HAZARDS,  
CHECK LINES & CHAINS  
FUEL ON HAND 7997 Gals. (USED:1200 GAL)  
CUM FUEL USED: 7215 GALS.  
FUEL RECIEVED: 4000GALS.(CUM:12,000 GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: 440 BBLS CUM: 7070 BBLS  
CENTRAFUGE:ON  
DESANDER/DESILTER:ON  
SHAKER:210/250  
TOTAL DAILY WATER LOSSES: BBLS  
LOST 300 BBLS IN FORMATION  
CUM MUD LOSSES: 300 BBLS  
CUM ROTATING HRS: 131 HRS  
MUD MOTOR 8" (#8036): CUM 18 HRS  
MUD MOTOR 6.25 (#6131): DAILY:23.0 CUM:113  
SPR #1 50 SPM 240PSI @ 6520 FT  
SPR #2 50 SPM 365PSI @ 6520 FT  
VENDERS ON CALL:  
SPUD WELL: 9-4-05 @ 01:30HRS  
ORDERED 7500' + 2-MARKER JTS 5.5 17# I-80 CSG TO  
BE DELIVERED SUNDAY 9-11-05  
(SORTED & BEGAN TO COST OFF DAMAGED MUD  
PRODUCTS DUE TO RIG MOVES & WEATHER.

Well : Prickly Pear Unit Fed #5-13-12-14  
Surface Location : SWNW-13-12S-14 E 26th PM  
Spud Date : 9/4/2005 Days From Spud : 6  
Morning Operations : DRILLING @ 6150'

API # : 43-007-31008  
Area : Nine Mile Canyon

Operations Date : 9/10/2005  
Report # : 11  
Depth At 06:00 : 6150  
Estimated Total Depth : 7510

Time To	Description
9:00:00 AM	DRILLING FROM 5500' TO 5602' 102' IN 3HRS = 34FPH
9:30:00 AM	SURVEY @ 5524' = 1.25
1:00:00 PM	DRILLING FROM 5602' TO 5698' 96' IN 3.5HRS = 27.4FPH
1:30:00 PM	RIG SERVICE
6:00:00 AM	DRILLING FROM 5698' TO 6150' 452' IN 16.6 HRS = 27.3FPH

## Remarks :

DSLTA: 10,162  
WEATHER: 85\*/55\*  
SAFETY MTTNG: AIR HOIST & CATLINE,  
SLIP HAZARDS  
FUEL ON HAND 4890 Gals. (USED:1141 GAL)  
CUM FUEL USED: 6015 GALS.  
FUEL RECIEVED: GALS.(CUM:8000 GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: 330 BBLS CUM: 6630 BBLS  
CENTRAFUGE:ON  
DESANDER/DESILTER:ON  
SHAKER:210/250  
TOTAL DAILY WATER LOSSES: BBLS  
LOST 300 BBLS IN FORMATION  
CUM MUD LOSSES: 300 BBLS  
CUM ROTATING HRS: 108 HRS  
MUD MOTOR 8" (#8036): CUM 18 HRS  
MUD MOTOR 6.25 (#6131): DAILY:23.0 CUM:90  
SPR #1 50 SPM 235PSI @ 6000 FT  
SPR #2 50 SPM 345PSI @ 6000 FT  
VENDERS ON CALL:  
SPUD WELL: 9-4-05 @ 01:30HRS  
ORDERED 7500' + 2-MARKER JTS 5.5 17# I-80 CSG TO  
BE DELIVERED SUNDAY 9-11-05

# REGULATORY DRILLING SUMMARY



Bill Barrett Corporation

Well : Prickly Pear Unit Fed #5-13-12-14  
Surface Location : SWNW-13-12S-14 E 26th PM  
Spud Date : 9/4/2005 Days From Spud : 5  
Morning Operations : DRILLING @ 5500'

API # : 43-007-31008  
Area : Nine Mile Canyon

Operations Date : 9/9/2005  
Report # : 10  
Depth At 06:00 : 5500  
Estimated Total Depth : 7510

Time To	Description
11:30:00 AM	DRILLING FROM 4370' TO 4805' 435' IN 5.5HRS = 79FPH
12:00:00 PM	SURVEY @ 4727' = .50*
6:00:00 AM	DRILLING FROM 4805' TO 5500' 695' IN 18HRS = 38.6FPH

## Remarks :

DSLTA: 10,161  
WEATHER: 85\*/55\*  
SAFETY MTTNG: FALL PROTECTION,  
FORKLIFT  
FUEL ON HAND 6031 Gals. (USED:1141 GAL)  
CUM FUEL USED: 4874 GALS.  
FUEL RECIEVED: GALS.(CUM:8000 GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: 330 BBLS CUM: 6630 BBLS  
CENTRAFUGE:ON  
DESANDER/DESILTER:ON  
SHAKER:210/210  
TOTAL DAILY WATER LOSSES: BBLS  
LOST 300 BBLS IN FORMATION  
CUM MUD LOSSES: 300 BBLS  
CUM ROTATING HRS: 85 HRS  
MUD MOTOR 8" (#8036): CUM 18 HRS  
MUD MOTOR 6.25 (#6131): DAILY:23.5 CUM:67  
SPR #1 50 SPM 190PSI @ 3212 FT  
SPR #2 50 SPM 255PSI @ 5347 FT  
VENDERS ON CALL:  
SPUD WELL: 9-4-05 @ 01:30HRS  
ORDERED 7500' + 2-MARKER JTS 5.5 17# I-80 CSG TO  
BE DELIVERED FRIDAY 9-11-05  
DENNIS INGRAM (STATE OF UTAH) ARRIVED ON  
LOCATION FOR SPOT CHECK, ASKED ABOUT SPUD  
DATE, WELL TOTAL DEPTH, SAID THAT EVERYTHING  
LOOKED GOOD.

Well : Prickly Pear Unit Fed #5-13-12-14  
Surface Location : SWNW-13-12S-14 E 26th PM  
Spud Date : 9/4/2005 Days From Spud : 4  
Morning Operations : DRILLING @ 4370'

API # : 43-007-31008  
Area : Nine Mile Canyon

Operations Date : 9/8/2005  
Report # : 9  
Depth At 06:00 : 4370  
Estimated Total Depth : 7510

Time To	Description
7:30:00 AM	DRILLING FROM 2767' TO 2895' 128' IN 1.5HRS = 85.3FPH
8:00:00 AM	SURVEY @ 2817' = 1* (RIG SERVICE)
12:00:00 PM	DRILLING FROM 2895' TO 3212' 317' IN 4HRS = 79.2FPH
12:30:00 PM	SURVEY @ 3134' = 0* BOP DRILL 40 SECS. FUCTION ANNULAR
7:00:00 PM	DRILLING FROM 3212' TO 3627' 415' IN 6.5HRS = 63.8FPH
7:30:00 PM	RIG SERVICE
1:00:00 AM	DRILLING FROM 3627' TO 4008' 381' IN 5.5HRS = 69.2FPH
1:30:00 AM	SURVEY @ 3930' = .75*
6:00:00 AM	DRILLING FROM 4008' TO 4370' 362' IN 5.5HRS = 65.8FPH

## Remarks :

DSLTA: 10,160  
WEATHER: 85\*/55\*  
SAFETY MTTNG: GOOD HOUSE KEEPING,  
BOP DRILL 40 SECS.DAYLIGHT TOUR,  
PPE, BOP DRILL 40 SECS. MORNING TOUR  
FUEL ON HAND 7172 Gals. (USED:815 GAL)  
CUM FUEL USED: 3733 GALS.  
FUEL RECIEVED: GALS.(CUM:8000 GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: 1270 BBLS CUM: 6630 BBLS  
CENTRAFUGE:ON  
DESANDER/DESILTER:ON  
SHAKER:210/210  
TOTAL DAILY WATER LOSSES: 300 BBLS  
LOST 300 BBLS IN FORMATION  
CUM MUD LOSSES: 300 BBLS  
CUM ROTATING HRS: 61.5 HRS  
MUD MOTOR 8" (#8036): CUM 18 HRS  
MUD MOTOR 6.25 (#6131): DAILY:22.0 CUM:43.5  
SPR #1 50 SPM 190PSI @ 3212 FT  
SPR #2 50 SPM 245PSI @ 4008 FT  
VENDERS ON CALL:  
SPUD WELL: 9-4-05 @ 01:30HRS  
ORDERED 7500' + 2-MARKER JTS 5.5 17# I-80 CSG TO  
BE DELIVERED FRIDAY 9-11-05

# REGULATORY DRILLING SUMMARY



Bill Barrett Corporation

Well : Prickly Pear Unit Fed #5-13-12-14

API # : 43-007-31008

Operations Date : 9/7/2005

Surface Location : SWNW-13-12S-14 E 26th PM

Area : Nine Mile Canyon

Report # : 8

Spud Date : 9/4/2005

Days From Spud : 3

Depth At 06:00 : 2767

Morning Operations : DRILLING @ 2767'

Estimated Total Depth : 7510

## Remarks :

DSLTA: 10,159  
WEATHER: 85°/50°  
SAFETY MTTNG: PROPER LIFTING,  
GOOD ATTITUDES  
FUEL ON HAND 7987 Gals. (USED:815 GAL)  
CUM FUEL USED: 2918 GALS.  
FUEL RECIEVED: GALS.(CUM:8000 GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: BBLS CUM: 5360 BBLS  
CENTRAFUGE:ON  
DESANDER/DESILTER:ON  
SHAKER:210/210  
TOTAL DAILY WATER LOSSES: 0 BBLS  
LOST 0 BBLS IN FORMATION  
CUM MUD LOSSES: BBLS  
CUM ROTATING HRS: 39.5 HRS  
MUD MOTOR 8" (#8036): CUM 18 HRS  
MUD MOTOR 6.25 (#6131): DAILY:21.5  
SPR #1 50 SPM PSI @ FT.  
SPR #2 50 SPM 285PSI @ 2575'.  
VENDERS ON CALL:  
SPUD WELL: 9-4-05 @ 01:30HRS  
ORDERED 7500' + 2-MARKER JTS 5.5 17# I-80 CSG TO  
BE DELIVERED FRIDAY 9-9-05

Time To	Description
11:00:00 AM	DRILLING FROM 1021' TO 1333' 312' IN 5HRS = 62.4FPH
11:30:00 AM	SURVEY @ 1255' =.25* (RIG SERVICE)
2:30:00 PM	DRILLING FROM 1333' TO 1651' 318' IN 3HRS = 106FPH
3:00:00 PM	SURVEY @ 1573' = 1*
6:30:00 PM	DRILLING FROM 1651' TO 1938' 287' IN 3.5 HRS = 82FPH
7:00:00 PM	SURVEY @ 1860' = 1*
11:00:00 PM	DRILLING FROM 1938' TO 2256' 318' IN 4HRS = 79.5FPH
11:30:00 PM	SURVEY @ 2178' = 1*
3:00:00 AM	DRILLING FROM 2256' TO 2575' 319' IN 3.5HRS = 91.1FPH
3:30:00 AM	SURVEY @ 2497' = 1.5*
6:00:00 AM	DRILLING FROM 2575' TO 2767' 192' IN 2.5HRS = 76.8FPH

# REGULATORY DRILLING SUMMARY



Bill Barrett Corporation

Well : Prickly Pear Unit Fed #5-13-12-14

API # : 43-007-31008

Operations Date : 9/6/2005

Surface Location : SWNW-13-12S-14 E 26th PM

Area : Nine Mile Canyon

Report # : 7

Spud Date : 9/4/2005

Days From Spud : 2

Depth At 06:00 : 1021

Morning Operations : DRILLING @ 1021'

Estimated Total Depth : 7510

## Remarks :

DSLTA: 10,158  
WEATHER: 85°/50°  
SAFETY MTNG: RUNNING CSG & CMT CSG,  
PRESSURE TESTING  
FUEL ON HAND 8965 Gals. (USED:163 GAL)  
CUM FUEL USED: 2103 GALS.  
FUEL RECIEVED: GALS.(CUM:8000 GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: BBLS CUM: 5360 BBLS  
CENTRAFUGE:OFF  
DESANDER/DESILTER:OFF  
SHAKER:250/250  
TOTAL DAILY WATER LOSSES: 0 BBLS  
LOST 0 BBLS IN FORMATION  
CUM MUD LOSSES: BBLS  
CUM ROTATING HRS: 18 HRS  
MUD MOTOR 8" (#8036): CUM 18 HRS  
MUD MOTOR 6.25 (#6131): DAILY:  
SPR #1 50 SPM PSI @ FT.  
SPR #2 50 SPM PSI @ FT.  
VENDERS ON CALL:  
SPUD WELL: 9-4-05 @ 01:30HRS  
CONTACT WHI BE ON LOCATION @ 13:30  
ARRIVED ON TIME, RELIECED @ 17:00 HRS  
CONTACT IPS DOUBLE JACK BE ON LOCATION @  
21:30 HRS, ARRIVED ON TIME, RELIECED 03:00  
CONTACT BLM (DON STEPHENS) GAVE WELL NAME,  
RIG TEL. #, TESTING CO. IPS, & TIME OF TEST 21:30  
HRS.

Time To	Description
7:00:00 AM	CONTINUE RIH W/ 9 5/8 CSG TO 1021', RUN IN THIS ORDER, 1-GUIDE SHOE, 1-JT 9 5/8 CSG, 1-BAFFLE-PLATE, 22-JTS 9 5/8 CSG. NO FILL, NO TIGHT SPOTS,
8:00:00 AM	R/U CIRC CSG,CSG @ 50,000 LBS, R/D T&M CSG, R/U HES HELD PRE-OPERATION SAFETY MEETING.
9:30:00 AM	CMT SURFACE CSG AS FOLLOWS 10BBLS FRESH WATER, 20BBLS GEL FLUID, 245 SKS TYPE V CMT (80BBLS 12.7# CMT), 180 SKS TYPE G CMT( 37BBLS 15.8 # CMT) DROP WIPER, 74.5 BBLS DISPLACED (CALCULATED 75.4 BBLS) BUMP PLUG @ 450PSI PRESSURE UP TO 1000PSI, HELD FOR 2-MIN, BLED BACK 2BBLS, FLOAT FAILED TO HOLD, PUMP 2BBLS BACK DOWN CSG BUMP PLUG AGAIN TO 600PSI & LEAVE ON FOR 4HRS. DISPLACED 20BBLS CMT TO PIT,
1:30:00 PM	WAIT ON CMT, CMT FELL 25' IN CONDUCTOR, DONE TOP OUT AS FOLLOWS , 20SKS TYPE G NEAT CMT (4BBLS 15.6 # CMT) 1" DOWN CONDUCTOR & FILL TO GROUND LEVEL.
2:30:00 PM	BLED DOWN 600 PSI OFF CSG 10 GALS RETURNED PLUG HOLDING, R/D HES CMT HEAD, SLACKED OFF CSG @ 50,000LBS N/D FLOWLINE & CONDUCTOR PIPE, MAKE ROUGH CUT FOR WELLHEAD,
4:30:00 PM	INSTALL (WHI 11" QDF)WELD ON WELLHEAD PRESSURE TEST TO 1200PSI FOR 15 MINS. ALL HELD
10:00:00 PM	N/U DOUBLE GATE BOP, ANNULAR, CHOKE LINES & MANIFOLD, FLOWLINE.
2:30:00 AM	R/U & TEST BOP'S WITH IPS DOUBLE JACK, PIPE RAMS, BLIND RAMS, CHOKE LINE, CHOKE MANIFOLD, UPPER KELLY VALVE, LOWER KELLY VALVE, FLOOR VALVE & DART VALVE TO 5000 PSI FOR 10 MINS, TEST ANNULAR TO 2500 PSI FOR 10 MINS & TEST CSG TO 1500 PSI FOR 30 MINS
3:00:00 AM	INSTALL WEAR RING & P/U BHA #2
4:30:00 AM	TIH BREAK CIC. & TAG TOP OF CMT @ 973' (TOP OF BAFFLE PLATE 976')
6:00:00 AM	DRILLING CMT , BAFFLE PLATE ,GUIDE SHOE (973' TO 1021')

# REGULATORY DRILLING SUMMARY



Bill Barrett Corporation

Well : Prickly Pear Unit Fed #5-13-12-14

API # : 43-007-31008

Operations Date : 9/5/2005

Surface Location : SWNW-13-12S-14 E 26th PM

Area : Nine Mile Canyon

Report # : 6

Spud Date : 9/4/2005

Days From Spud : 1

Depth At 06:00 : 1021

Morning Operations : RUNNING 95/8 SURFACE CSG

Estimated Total Depth : 7510

## Remarks :

DSLTA: 10,157  
WEATHER: 85°/50° PM SHOWERS  
SAFETY MTTNG: HANDLING DRILL COLLARS,  
RUNNING CSG  
FUEL ON HAND 9128 Gals. (USED:1141 GAL)  
CUM FUEL USED: 1940 GALS.  
FUEL RECIEVED: GALS.(CUM:8000 GALS)  
FUEL USED IN MUD: (DAILY 0 GALS).  
CUM FUEL MUD:( 0 GALS)  
WATER RECIEVED: 340 BBLS CUM: 5360 BBLS  
CENTRAFUGE:OFF  
DESANDER/DESILTER:OFF  
SHAKER:110/84  
TOTAL DAILY WATER LOSSES: 0 BBLS  
LOST 0 BBLS IN FORMATION  
CUM MUD LOSSES: BBLS  
CUM ROTATING HRS: HRS  
SPR #1 50 SPM PSI @ FT.  
SPR #2 50 SPM PSI @ FT.  
VENDERS ON CALL:  
SPUD WELL: 9-4-05 @ 01:30HRS  
CONTACT T&M CSG ON LOCATION @23:00  
ARRIVED ON TIME.  
CONTACT HES CMT ON LOCATION @ 02:00  
ARRIVED ON TIME

Time To	Description
9:30:00 AM	DRILLING FROM 120' TO 316' 196' IN 3.5HRS =56FPH
10:00:00 AM	SURVEY @ 236' = 1/4*
1:00:00 PM	DRILLING FROM 316' TO 593' 277' IN 3HRS =92.3FPH
1:30:00 PM	SURVEY @ 513' =1/4*
4:30:00 PM	DRILLING FROM 593' TO 837' IN 244' IN 3HRS = 81.3FPH
5:00:00 PM	SURVEY @ 757' = 1/2*
9:00:00 PM	DRILLING FROM 837' TO 1021' 184' IN 4HRS 46FPH
9:30:00 PM	PUMP SWEEP CIRC. CLEAN SURVEY @ 941' = 1/2*
12:30:00 AM	WIPER TOO H (LITTLE TIGHT) TO MUD MOTOR, TIH TO 500' P/U KELLY CLEAN TIGHT SPOT, TIH TO 1021' NO FILL.
1:00:00 AM	PUMP SWEEP CIRC HOLE CLEAN.
3:30:00 AM	TOOH L/D 8" COLLARS & MUD MOTOR NO TIGHT SPOTS.
6:00:00 AM	R/U T&M CSG HELD SAFETY MEETING RIH WITH 9 5/8, 36# J-55 CSG.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OM B No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **BILL BARRETT CORPORATION**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8168**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1582' FNL, 960' FWL, SWNW, Sec. 13-T12S-R14E**

5. Lease Serial No.

**UTU 73665**

6. If Indian, Allottee or Tribe Name

**n/a**

7. If Unit or CA/Agreement, Name and/or No.

**Prickly Pear Unit**

8. Well Name and No.

**Prickly Pear Unit Fed 5-13-12-14**

9. API Well No.

**43-007-31008**

10. Field and Pool, or Exploratory Area

**Prickly Pear Unit/Mesaverde**

11. County or Parish, State

**Carbon, UT**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Weekly Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Reports</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**WEEKLY COMPLETION ACTIVITY REPORT FROM 05/15/2006 - 05/21/2006.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Matt Barber**

Title **Permit Analyst**

Signature

*Matt Barber*

Date

**05/23/2006**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**MAY 31 2006**

# REGULATORY COMPLETION SUMMARY



Well Name : Prickly Pear Unit Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/21/2006      Report # : 9      End Time      Description  
Summary : SI      SI

Well Name : Prickly Pear Unit Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/20/2006      Report # : 8      End Time      Description  
Summary : SI. MIRU Schlumberger EL. Perforate      12:00:00 PM      MI RU Schlumberger EL  
stage 1, Price River . Shut in      2:30:00 PM      Stage #1 Price River. PU 2 7/8" 10ft perf gun. run in hole correlate  
to short joint run to perf depth check depth to casing collar. Perforate  
Price River @ 7278-7288 3JSPF 120 phasing, 16 gram shot , .340  
hole , 30 holes, 36 inch penetration. ( Perf cost at end of job)  
4:30:00 PM      Shut in

Well Name : Prickly Pear Unit Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/19/2006      Report # : 7      End Time      Description  
Summary : load for frac, CO2 And KCL water      load CO2 And water

Well Name : Prickly Pear Unit Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/18/2006      Report # : 6      End Time      Description  
Summary : Load Co2 Vessels, and frac fluid      7:00:00 AM      Load water and CO2

Well Name : Prickly Pear Unit Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/17/2006      Report # : 5      End Time      Description  
Summary : MIRU IPS test equip. set two frac tanks.      7:00:00 AM      Rig IPS test equipment.  
unload CO2.      9:00:00 AM      MI Two frac tanks, load vessels  
5:00:00 PM      shut in

Well Name : Prickly Pear Unit Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/16/2006      Report # : 4      End Time      Description  
Summary : MI BOC Vessels, two frac tanks, IPS test      7:00:00 AM      MI Set three BOC 60 ton CO2 Vessels  
equipment.      8:00:00 AM      MI Two 500 bbl frac tanks  
8:30:00 AM      MI IPS Test equipment, DOT shut down Zubiate trucks with IPS  
equipment.  
5:00:00 PM      Wait on equipment

Well Name : Prickly Pear Unit Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/15/2006      Report # : 3      End Time      Description  
Summary : Shut in      Enter the description here

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **BILL BARRETT CORPORATION**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8168**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1582' FNL, 960' FWL, SWNW, Sec. 13-T12S-R14E**

5. Lease Serial No.

**UTU 73665**

6. If Indian, Allottee or Tribe Name

**n/a**

7. If Unit or CA/Agreement, Name and/or No.

**Prickly Pear Unit**

8. Well Name and No.

**Prickly Pear Unit Fed 5-13-12-14**

9. API Well No.

**43-007-31008**

10. Field and Pool, or Exploratory Area

**Prickly Pear Unit/Mesaverde**

11. County or Parish, State

**Carbon, UT**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Weekly Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Reports</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**WEEKLY COMPLETION ACTIVITY REPORT FROM 05/22/2006 - 05/28/2006.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Matt Barber**

Title **Permit Analyst**

Signature

*Matt Barber*

Date

**05/31/2006**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

**JUN 02 2006**

DIV. OF OIL, GAS & MINING



# REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Prickly Pear Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/28/2006 Report # : 16

Summary : Flow stages 1-8

End Time Description

6:00:00 AM

Stages 1-8 FCP: 425 psi on 48 ck. recocered 207 bbl in 13.5 hours avg. of 15.33 BPH 2918 bbl left to recover. CO2 test 25% ,

11:59:00 PM

flow stages 1-8

Well Name : Prickly Pear Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/27/2006 Report # : 15

Summary : Flow stages 1-6, frac valve leaking. EL. Stage 7, add # 2 frac valve. Frac stage 7. EL Stage 8. Frac stage 8. Flow back stages 1-8

End Time Description

6:00:00 AM

stages 1-6 FCP 280 psi. on 46ck. recovered 197 bbl in 14.5 hours avg. 13.58 BPH 2397.5 bbl left to recover. CO2 24 %

6:00:00 AM

flow stages 1-6 frac valve leaking order #2valve for back up on leaking valve

8:00:00 AM

Rig Schlumberger EL Stage 7. PU HES 5Kfrac valve PU 4ft and 3ft perf guns. RIH correlate to casing joints, run to setting depth check depth to casing collar. set composite frac plug @ 4990 PU sand in well bore. perforate M. Wasatch @ 4911-4915, PU perf @ 4893-4896 3JSPF 120 phasing 16 gram shot .340 hole.

9:25:00 AM

Pump 10 bbl fluidcap. nipple down frac Y, nipple up #2 frac valve & frac Y. rig pump lines

11:30:00 AM

Frac tree and pump lines

11:45:00 AM

Stage 7 Mid. Wasatch 70 Q Foam Frac: load break @ 5605 PSI @ 7.7 BPM. Avg. Wellhead Rate:23.2 BPM. Avg. Slurry Rate:9.9 BPM. Avg. CO2 Rate: 12.5 BPM. Avg. Pressure:4,238 PSI. Max. Wellhead Rate: 24.8 BPM. Max. Slurry Rate:11.4 BPM. Max. CO2 Rate:15 BPM. Max. Pressure:5605 PSI. Total Fluid Pumped:12,414 GAL. Total Sand in Formation:69,614 LB. (20/40 White Sand) CO2 Downhole:87 tons CO2 Cooldown:8 tons. ISIP:3,475 PSI. Frac Gradient:1.15 psi/ft.Successfully flushed wellore with 50Q foam with 500 gal fluid cap. scalecheck was pumped in first of pad stage.

12:30:00 PM

Schlumberger EL stage 8. Mid. Wasatch. PU Hes 5K Frac plug with one 10ft. perf gun RIH correlate to casing collars. run to depth check depth to casing collar. set CFP @4680 Pickup perforate @ 4542-4552 3JSPF 120 phasing 16 gram shot .340 hole

2:20:00 PM

Stage 8 Mid. Wasatch 70Q foam frac. Load Break: 3311 PSI @ 5.9 BPM. Avg. Wellhead Rate: 16.4 BPM. Avg. Slurry Rate: 7.1 BPM. Avg. CO2 Rate: 8.7 BPM. Avg. Pressure: 3,207 PSI. Max. Wellhead Rate: 18.5 BPM. Max. Slurry Rate: 9.8 BPM. Max. CO2 Rate: 11.1 BPM. Max. Pressure: 3,427 PSI. Total Fluid Pumped: 8,875 GAL. Total Sand in Formation: 44,608 LB. (20/40 White Sand) CO2 Downhole:62 tons. CO2 Cooldown: 8 Tons. ISIP: 2,814 PSI. Frac Gradient: 1.06 psi/ft. Successfully flushed wellbore with 50Q foam with 500 gal fluid cap. scalecheck was pumped in first of pad stage.

3:30:00 PM

rig down Halliburton and Schlumberger EL

4:00:00 PM

Move frac and EI

4:30:00 PM

Flow stages 1-8 2500 psi on 18 ck. 3125 bbl to recover

11:59:00 PM

flow stages 1-8

# REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Prickly Pear Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/26/2006 Report # : 14

Summary : Flow stages 1-5. EL Stage 6. Flow back stages 1-6

End Time	Description
6:00:00 AM	Stages 1-5 FCP 175 on 42 ck. recovered 365 bbls in 16 hours. avg. of 22.81 BPH 2036.5 BBL left to recover.
6:00:00 AM	flow stages 1-5
11:30:00 AM	Schlumberger EL stage 6. North Horn: PU HES composite frac plug and 5ft & 4ft. perf guns. RIH correlate to short joint run to setting depth set composite frac plug @ 5300 ft. PU check depth to casing collar perforate North Horn @ 5221-5226, PU perf @ 5152-5156. 3JSPF 120 phasing 16 gram shot .340 hole POOH all shots fired. turn well to frac crew.
1:00:00 PM	Pressure test pump lines, safety meeting.
2:30:00 PM	Stage 6 North Horn 70Q foam frac: load and break. 5090 psi @ 9.7 BPM. Avg. Wellhead Rate: 31.3 BPM. Avg. Slurry Rate: 13.4 BPM. Avg. CO2 Rate: 17 BPM. Avg. Pressure: 4,373 psi. Max. Wellhead Rate: 33.8 BPM. Max. Slurry Rate: 17.8 BPM. Max. CO2 Rate: 20.8 BPM. Max. Pressure: 5,090 PSI. Total Fluid Pumped: 18,319 gal. Total Sand in Formation: 96,312 lb. (20/40 White Sand) CO2 Downhole: 126 tons. Co2 Cooldown: 8 tons. ISIP: 3,646 PSI. Frac Gradient: 1.14 psi/ft. Successfully flushed wellbore with 50Q foam with 500 gal fluid cap. Scalecheck was pumped in start of pad stage.
3:30:00 PM	Start flow back stages 1-6. FCP 3,050 on 18/64 ck. 2594.5 bbl to recover.
11:59:00 PM	flow stages 1-6

# REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Prickly Pear Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/25/2006 Report # : 13

Summary : Flow stages 1-4. EL stage 5. Frac Stage 5. Flow back stages 1-5. wait on CO2 for stage 6.

End Time	Description
7:00:00 AM	Stages 1-4 Price River and North Horn: FCP 300 psi on 34 ck. recovered 263 bbl in 16 hours avg. of 16.43 BPH. 1797.5 bbl left to recover. in stages 1-4
7:00:00 AM	flow stages 1-4 flow to test equipment . shut in well @ 10:50 am
11:00:00 AM	EL Stage 5 North Horn: PU HES composite frac plug with three 3ft. perf guns. RIH correlate to short joint, run to setting depth check depth to casing collar set CFP @ 6200 ft. PU perforate North Horn @ 6070-6073 PU perf @ 6010-6013 PU perf @ 5980-5983 3JSPF 120 phasing 16 gram shot .340 hole. total of 27 holes. POOH all shots fired. turn well to frac crew.
12:30:00 PM	test pump lines, safety meeting
1:00:00 PM	stage 5 North Horn 70Q foam frac. cooldown load Break @ 4702 @ 9.3 BPM. Avg. Wellhead Rate: 32.8 BPM. Avg. Slurry Rate: 14.1 BPM. Avg. CO2 Rate: 18 BPM. Avg. Pressure: 5,537 PSI. Max. Wellhead Rate: 38.4 BPM. Max. Slurry Rate: 20 BPM. Max. CO2 Rate: 21.2 BPM. Max. Pressure: 6,009 PSI. Total Fluid Pumped: 19,399 gal. Total Sand in Formation: 100,204 lb. (20/40 White Sand) CO2 Downhole: 133 tns. CO2 Cooldown: 10 tons. ISIP: 3,979 PSI. Frac Gradient: 1.10 psi/ft. Surface pressure during flush increased linearly with change in hydrostatic pressure. Successfully flushed wellbore with 50 Q foam with 500 gal fluid cap. scalecheck was pumped in start of pad stage.
2:00:00 PM	Flow stages 1-5 open 3550 psi on 18 ck. 2401 bbl to recover
11:59:00 PM	flow stages 1-5

# REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Prickly Pear Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/24/2006	Report # : 12	End Time	Description
Summary : Flow stages 1-3. EL stage 4. BOC gas plant down. wait on CO2. Frac Stage 4. Flow back stages 1-4		6:00:00 AM	Stages 1-3 Price River. FCP 40 psi on 48/64 ck. recovered 233.5 bbl in 14 hours avg. of 16.67 BPH. 1261.5 bbl left to recover. CO2 with light mist
		6:00:00 AM	Shut in for Wire Line
		7:00:00 AM	Schlumberger pickup HES 5K CFP with 3 three ft. perf guns. RIH correlate to short joint run to setting depth set CFP @ 6750 Pickup perforate U.Price River @ 6694-6697 3JSPF PU check depth to casing collar. perforate North Horn @ 6625-6628 and 6579-6582 total of 27 holes. 3JSPF 120 phasing 16 gram shot .340 hole POOH all shts fired. turn well to frac crew.
		8:30:00 AM	wait on BOC gases for two loads
		10:00:00 AM	Stage 4 U.Price and North Horn 70 Q Foam frac. Pressure test pump lines. cooldown CO2 load Break@ 6098 @ 8 BPM. Avg. Wellhead Rate: 36.4 BPM. Avg. Slurry Rate: 15 BPM. Avg. CO2 Rate: 20.5 BPM. Avg. Pressure: 5,524 PSI. Max. Wellhead Rate: 43.6 BPM. Max. Slurry Rate: 21.9 BPM. Max. CO2 Rate: 23.4 BPM. Max. Pressure: 6098 PSI. Total Fluid Pumped: 27,012 gal. Total Sand in Formation: 161,300 LB. (20/40 White Sand) CO2 Downhole:: 210 tons. CO2 Cooldown: 10 tons. ISIP: 3,312 PSI. Frac Gradient: 0.94 psi/ft. Successfully flushed wellbore with 50 Q foam with 500 gal fluid cap. scalecheck was pumped in pad stage.
		11:30:00 AM	Stages 1-4 FCP:2700 PSI on 18 ck. 2060.5 BBL to recover
		11:59:00 PM	flow stages 1-4.

# REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Prickly Pear Fed #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/23/2006	Report # : 11	End Time	Description
Summary : SI. Frac stage 1 Price River.EL Stage 2. Frac Stage 2. EL Stage 3. Frac stage 3. Flow back stage 1-3 Price River		7:00:00 AM	SICP 0 64 hour SI.
		7:00:00 AM	Pressure test Fluid and CO2 pump lines. had leaks. repair. Safety Meeting
		8:30:00 AM	Stage 1 Price River 70 Q foam frac: Load & Break @3739 psi @ 4.9 BPM. shut down to cooldown CO2. Avg. Wellhead Rate: 20 BPM. Avg. Slurry Rate: 8.1 BPM. Avg. CO2 Rate:11.6 BPM. Avg. Pressure:3,505 PSI. Max. Wellhead Rate:34.6 BPM. Max. Slurry Rate: 10.8 BPM. Max. CO2 Rate:21.8 BPM. Max. Pressure:4,080 PSI. Total Fluid Pumped: 16,197 Gal. Total Sand in Formation:68,600 LB. (20/40 White Sand) CO2 Downhole:116 Tons. CO2 Cooldown: 20 tons. ISIP:3,420 PSI. Frac Gradient:0.91 psi/ft. Several leaks occurred at shut down after breaking formation down. Successfully flushed wellbore to top perf with 30 bbl over flush with 500 gal. fluid cap. Scalecheck pumped in load stage.
		10:00:00 AM	Schlumberger EL. Stage 2 Price River: PU 5K Composite Frac Plug with 10 perforating gun. RIH correlate to short joint, run to setting depth check depth to casing collar set HES Composite frac plug @ 7170. PU perforate Price River @ 7104-7114 3JSPF 120 phasing 16 gram shot. .340 hole 30 holes. 36 inch penetration. POOH all shots fired turn well to frac crew.
		11:30:00 AM	Stage 2 Price River: Load Break@ 4795 PSI @ 5.1 BPM. Avg. Wellhead Rate: 20.2 BPM. Avg. Slurry Rate:8.4 BPM. Avg. CO2 Rate: 11 BPM. Avg. Pressure: 3,677 PSI. Max. Wellhead Rate: 36.9 BPM. Max. Slurry Rate: 11.1 BPM. Max. CO2 Rate: 24.7 BPM. Max. Pressure: 4,795 PSI. Total Fluid Pumped: 13,542 gal. Total Sand in Formation: 61,596 LB. (20/40 White Sand) CO2 Downhole: 99 tons. CO2 Cooldown: 10 tons. ISIP: 3,399 PSI. Frac Gradient: 0.92 psi/ft. Lost tub and prime on blender at 6 BPM.first of job Cought prime and resumed pumping job. Successfully flushed wellbore with 30 bbl over flush with 500 gal fluid cap. Scalecheck pumped in load stage. SI turn well to EI crew.
		1:30:00 PM	Schlumberger EL stage 3 U. Price River: PU 5K HES Composite frac plug and 10 perf gun RIH correlate to short joint. run to setting depth check depth to casing collar set CFP @ 6970 ft. PU perforate U.Price River @ 6928-6938 3 JSPF 120 phasing 16 gram shot .340 hole POOH all shots fired. turn well to frac crew.
		2:30:00 PM	Stage 3 U.Price River 70Q Foam Frac: Load Break @5,017 PSI @ 4.7 BPM. Avg. Wellhead Rate: 17.1 BPM. Avg. Slurry Rate: 7.2 BPM. Avg. CO2 Rate: 9.2 BPM. Avg. Pressure: 3,729 PSI. Max. Wellhead Rate: 19 BPM. Max. Slurry Rate: 9.5 BPM. Max. CO2 Rate: 10.4 BPM. Max. Pressure: 5,018 PSI. Total Fluid Pumped: 11,613 Gal. Total Sand in Formation: 47,705 LB. (20/40 White Sand) CO2 Downhole: 79 tons. CO2 Cooldown: 10 tons. ISIP: 3,747 PSI. Frac Gradient: 0.98 psi/ft. Scalecheck was pumped in pad stage. Successfully flushed wellbore with 50 Q Foam wit 500 gal fluid cap.
		4:30:00 PM	Start Flow back stages 1-3 Price River. FCP:3200 psi 18 ck. freezing CO2 foam in flow tank, move flow to pit.

# REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : **Prickly Pear Fed #5-13-12-14**

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/23/2006

Report # : 11

End Time

Description

Summary : SI. Frac stage 1 Price River.EL Stage 2.  
Frac Stage 2. EL Stage 3. Frac stage 3.  
Flow back stage 1-3 Price River

11:59:00 PM

Flow stages 1-3 Price River

Well Name : **Prickly Pear Fed #5-13-12-14**

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/22/2006

Report # : 10

End Time

Description

Summary : MIRU Halliburton Frac equipment

SI

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**Bill Barrett Corporation**  
**CONFIDENTIAL**

FORM APPROVED  
OM B No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **BILL BARRETT CORPORATION**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8168**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1582' FNL, 960' FWL, SWNW, Sec. 13-T12S-R14E**

5. Lease Serial No.  
**UTU 73665**

6. If Indian, Allottee or Tribe Name  
**n/a**

7. If Unit or CA/Agreement, Name and/or No.  
**Prickly Pear Unit**

8. Well Name and No.  
**Prickly Pear Unit Fed 5-13-12-14**

9. API Well No.  
**43-007-31008**

10. Field and Pool, or Exploratory Area  
**Prickly Pear Unit/Mesaverde**

11. County or Parish, State  
**Carbon, UT**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Weekly Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Reports</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**WEEKLY COMPLETION ACTIVITY REPORT FROM 05/29/2006 - 06/03/2006.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Matt Barber**

Title **Permit Analyst**

Signature

*Matt Barber*

Date

**06/05/2006**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**JUN 08 2006**

DIV. OF OIL, GAS & MINING

DIV. OF OIL, GAS & MINING

# REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Prickly Pear Fed. #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 6/3/2006	Report # : 22	End Time	Description
Summary : Flow stages 1-8.		6:00:00 AM	Stages 1-8. FCP 225 psi on 36 ck. recovered 73 bbl in 24 hours avg. of 3.04 BPH 2311.5 bbl left to recover. CO2 8% 24 hr. gas 1.741 MMCFD
		11:59:00 PM	flow stages 1-8

Well Name : Prickly Pear Fed. #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 6/2/2006	Report # : 21	End Time	Description
Summary : Flow stages 1-8		6:00:00 AM	Stages 1-8 FCP 150 psi on 48 ck. recovered 86 bbl in 24 hours avg. of 3.58 BPH 2384 bbl left to recover. CO2 Test 12% gas 1.749 MMCFD
		11:59:00 PM	Stages 1-8

Well Name : Prickly Pear Fed. #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 6/1/2006	Report # : 20	End Time	Description
Summary : Flow stages 1-8		6:00:00 AM	Stages 1-8 FCP 175 psi on 48 ck. recovered 94 bbl in 24 hours avg. of 3.91 BPH. 2470.5 bbl left to recover Co2 17% Gas flow 1.857 MMCFD
		11:59:00 PM	flow stages 1-8

Well Name : Prickly Pear Fed. #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/31/2006	Report # : 19	End Time	Description
Summary : Flow stages 1-8.			FCP 200 psi on 48 ck. recovered 102.8 BBL in 24 hours avg. of 4.28 BPH 2564. 5 bbl left to recover. flow temp 56 degrees F, CO2 10%
		11:59:00 PM	Flow stages 1-8

Well Name : Prickly Pear Fed. #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/30/2006	Report # : 18	End Time	Description
Summary : Flow stages 1-8		6:00:00 AM	Stages 1-8 FCP 225 psi on 48 ck. recovered 113 bbl in 24 hours avgf. of 4.70 BPH 2666.5 bbl left to recover co2 18 %
		11:59:00 PM	Stages 1-8

Well Name : Prickly Pear Fed. #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 5/29/2006	Report # : 17	End Time	Description
Summary : Flow Stages 1-8		6:00:00 AM	Stages 1-8 FCP 300 psi on 48 ck recovered 139 bbl in 24 hours avg. of 5.79 BPH 2779.5 bbl left to recover CO2 24%
		11:59:00 PM	flow stage 1-8

June 05, 2006 01:05 PM

Report by Wellcore



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Bill Barrett Corporation  
**CONFIDENTIAL**

FORM APPROVED  
OM B No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **BILL BARRETT CORPORATION**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8168**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1582' FNL, 960' FWL, SWNW, Sec. 13-T12S-R14E**

5. Lease Serial No.

**UTU 73665**

6. If Indian, Allottee or Tribe Name

**n/a**

7. If Unit or CA/Agreement, Name and/or No.

**Prickly Pear Unit**

8. Well Name and No.

**Prickly Pear Unit Fed 5-13-12-14**

9. API Well No.

**43-007-31008**

10. Field and Pool, or Exploratory Area

**Prickly Pear Unit/Mesaverde**

11. County or Parish, State

**Carbon, UT**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>ELECTRONIC</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>FLOW COMPUTER</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**THIS SUNDRY IS BEING SUBMITTED AS NOTIFICATION OF FIRST SALES ON 06/02/2006.**

**BILL BARRETT CORPORATION REQUESTS PERMISSION TO USE AN ELECTRONIC FLOW COMPUTER (EFC) FOR GAS MEASUREMENT FOR THIS WELL.**

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval Of This  
Action Is Necessary

Date: **6/16/06**

By: **[Signature]**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Matt Barber**

Title **Permit Analyst**

Signature **[Signature]**

Date **06/05/2006**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**  
**JUN 08 2006**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Bill Barrett Corporation  
**CONFIDENTIAL**

FORM APPROVED  
OM B No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

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**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

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2. Name of Operator **BILL BARRETT CORPORATION**

3a. Address  
**1099 18th Street, Suite 2300, Denver, CO 80202**

3b. Phone No. (include area code)  
**303-312-8168**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1582' FNL, 960' FWL, SWNW, Sec. 13-T12S-R14E**

5. Lease Serial No.  
**UTU 73665**

6. If Indian, Allottee or Tribe Name  
**n/a**

7. If Unit or CA/Agreement, Name and/or No.  
**Prickly Pear Unit**

8. Well Name and No.  
**Prickly Pear Unit Fed 5-13-12-14**

9. API Well No.  
**43-007-31008**

10. Field and Pool, or Exploratory Area  
**Prickly Pear Unit/Mesaverde**

11. County or Parish, State  
**Carbon, UT**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Weekly Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Reports</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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**WEEKLY COMPLETION ACTIVITY REPORT FROM 06/27/2006 - 06/29/2006.**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Matt Barber**

Title **Permit Analyst**

Signature

Date

**07/10/2006**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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Title

Date

Office

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(Instructions on page 2)

**RECEIVED**  
**JUL 25 2006**

DIV. OF OIL, GAS & MINING

# REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Prickly Pear Fed. #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 6/29/2006	Report # : 28	End Time	Description
Summary : SICP: Pump foam sweep POOH lay down tbg to land tbg on hanger. land tbg. ND/NU tree and flow lines. Pumpoff Bit sub.&bit. start tbg flowing. flow air and foam out. Turn to Production. Rig down WSU & Equipment.		7:00 AM	SICP: 550 SITP: 200
		8:30 AM	pump air foam sweep to unload casing fluid.
		10:30 AM	POOH laying down tbg 94 JTs. land tbg on Wellhead Inc. tbg hanger. @ 4462 KB . (see Final Well Report & Downhole Schematic for tbg detail)
		11:30 AM	ND BOPS NU Tree and flow lines.
		12:30 PM	Pump Off Weatherford pumpoff bit sub and 4-3/4 "Smith bit. parted sub @ 1840 psi.with foam unit.
		1:00 PM	flow back air and foam
		3:00 PM	Rig down Duco Well service unit and equipment.
		3:00 PM	turn well over to production

Well Name : Prickly Pear Fed. #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 6/28/2006	Report # : 27	End Time	Description
Summary : SI. Drill CFPs and clean out rat hole. RD swivel POOH 4 jts shut in for night.		7:00 AM	SICP: 200
		7:30 AM	open casing, start circ. with foam air
		9:00 AM	drill composite plug #7 @ 4680 no fill on plug drill out no flow change on surface. pumping 1200 SCFM with 20 gal min foam FCP 300 psi on 40/64 ck.
		10:15 AM	RIH chase part of CFP to CFP #6 @ 4990 drill out had no fill on plug had no pressure change on surface.
		11:30 AM	RIH push CFP #6 to 5300 tag plug #5 @ 5300 drill out had no fill on plug,had no pressure change on surface.
		12:20 PM	RIH push plug to 6200 tag plug #4 @ 6200 FT had no fill on plug or pressure change on surface.
		2:30 PM	RIH push part of CFP to 6750 tagged on plug #3 no fill or pressure change on surface drilling out plug.
		3:30 PM	PU RIH to 6980 tag CFP #2 drill out had no fill or pressure change on surface
		4:30 PM	RIH tag CFP @ 7170 no fill or pressure change on surface, drilled out push part of plug to 7354
		5:30 PM	clean out from 7354 to 7428 PBTD circ hole clean @ 1200 SCFM. with 20 gal min foam.
		7:30 PM	shut down foam unit, rig down power swivel. POOH lay down 4 joints bit at 7305 ft.
7:30 PM	shut in well for night		

# REGULATORY COMPLETION SUMMARY



Bill Barrett Corporation

Well Name : Prickly Pear Fed. #5-13-12-14

API : 43-007-31008

Area : West Tavaputs

Ops Date : 6/27/2006	Report # : 26	End Time	Description
Summary : Production, MIRU WSU and equipment. MIRU BWWC EL Kill plug. ND Frac tree, NU Weatherford BOPs. PU Bit, sub, Nipples, tbg, RIH.		10:30 AM	MIRU Duco Well Service Unit and equipment. Weatherford foam unit.
		12:00 PM	MIRU Black Warrior EL. PU RIH set 5K composite bridge plug @4450
		1:00 PM	nipple down Well head Inc frac tree. Nipple up Weatherford BOPs.
		1:30 PM	PU 4-3/4" Smith cone bit with Weatherford pumpoff bit sub, one jt. N-80 tbg. XN nipple one jt. X nipple tally in hole 141 joints tag @4450 ft.
		5:30 PM	rig power swivel and stripper head , break circ. with foam air.
		6:15 PM	Drill out composite bridge plug @ 4450 ft. FCP 400 psi on 40 ck.
		7:30 PM	run in hole to CFP # 7 @ 4680 blow hole clean with foam air.
		7:30 PM	shut in for night

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTBill Barrett Corporation  
**CONFIDENTIAL**FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. UTU 73665							
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name N/A							
2. Name of Operator <b>Bill Barrett Corporation</b>		7. Unit or CA Agreement Name and No. <b>Prickly Pear Unit</b>							
3. Address <b>1099 18th Street, Suite 2300</b>		8. Lease Name and Well No. <b>Prickly Pear Unit Fed 5-13-12-14</b>							
3a. Phone No. (include area code) <b>303-312-8168</b>		9. AFI Well No. <b>43-007-31008</b>							
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>1582' FNL, 960' FWL, SWNW</b>  At top prod. interval reported below <b>Same</b>  At total depth <b>Same</b>		10. Field and Pool, or Exploratory <b>Prickly Pear Unit/Mesaverde</b>							
14. Date Spudded <b>08/18/2005</b>		15. Date T.D. Reached <b>09/14/2005</b>							
16. Date Completed <b>6-29-06</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* <b>7,599' GL</b>							
18. Total Depth: MD <b>7,485'</b> TVD		19. Plug Back T.D.: MD <b>7,430'</b> TVD							
20. Depth Bridge Plug Set: MD TVD		21. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)							
22. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>Halliburton HRI/SD/DSN/BCS Delta "T"; Mesa Wireline (CBL/GR/CCL)</b>									
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8 J55	36#	Surface	1,021'		245 Type V	81 bbls.	0'	
						200 Type G	41 bbls.	0'	
7 7/8"	5.5 I-80	17#	Surface	7,479'		1120 50/50Po	297 bbls.	2,398'	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8"	4,462' (MD)								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Wasatch	4,542'	4,552'	7,278' - 7,288'	0.34"	30	Open			
B) North Horn	4,893'	6,628'	7,104' - 7,114'	0.34"	30	Open			
C) Mesaverde	6,694'	7,288'	6,928' - 6,938'	0.34"	30	Open			
D)			(continued see attachment)						
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
7,278' - 7,288'		70% CO2 foam frac: 116 tons CO2; 302 bbls. of LGC 6; 68,600# 20/40 Ottawa sand.							
7,104' - 7,114'		70% CO2 foam frac: 99 tons CO2; 240 bbls. of LGC 6; 61,596# 20/40 Ottawa sand.							
6,928' - 6,938'		70% CO2 foam frac: 79 tons CO2; 193 bbls. of LGC 6; 47,705# 20/40 Ottawa sand.							
(continued see attachment)									
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/02/2006	06/08/2006	24	→	0	1106	70			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Producing
64/64	SI 161	0	→	0	1106	70	N/A		
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

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DIV. OF OIL, GAS &amp; MINING

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Green River Wasatch North Horn Price River Base of Upper Price TD	1,895' 2,838' 4,709' 6,661' 6,944' 7,485'

## 32. Additional remarks (include plugging procedure):

Copies of logs &amp; directional survey already submitted.

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)    ☐ Geologic Report    ☐ DST Report    ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification    ☐ Core Analysis    ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Matt BarberTitle Permit Analyst

Signature

Matt Barber

Date

06/30/2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Form 3160-4, page 2)

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25. PERFORATION RECORD (cont.)				
INTERVAL (Top/Bot-MD)		SIZE	NO. HOLES	PERFORATION STATUS
6,579'	6,697'	0.34"	27	Open
5,980'	6,073'	0.34"	27	Open
5,152'	5,226'	0.34"	27	Open
4,893'	4,915'	0.34"	21	Open
4,542'	4,552'	0.34"	30	Open

26. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)	
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6,579' – 6,697'	70% CO2 foam frac: 210 tons CO2, 562 bbls. of LGC 6, 161,300 # 20/40 Ottawa sand
5,980' – 6,073'	70% CO2 foam frac: 133 tons CO2; 387 bbls. of LGC 6, 100,204 # 20/40 Ottawa sand
5,152' – 5,226'	70% CO2 foam frac: 126 tons CO2; 369 bbls. of LGC 6, 96,312 # 20/40 Ottawa sand
4,893' – 4,915'	70% CO2 foam frac: 87 tons CO2; 233 bbls. of LGC 6, 69,614 # 20/40 Ottawa sand
4,542' – 4,552'	70% CO2 foam frac: 62 tons CO2; 151 bbls. of LGC 6, 44,608 # 20/40 Ottawa sand



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



43-007-31008

IN REPLY REFER TO:  
3160  
(U-922)

July 12, 2007

Bill Barrett Corporation  
1099 18th Street  
Suite 2300  
Denver, CO 80202

Re: Paying Well Determinations  
Prickly Pear Unit  
Carbon County, Utah

Gentlemen:

Pursuant to your request of May 7, 2007, it has been determined by this office that under existing conditions the following well located in the Prickly Pear Unit, Carbon County, Utah is capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

API Number	Well Name	Bottom Hole Location	Date of First Sales
4300731074	1-27D-12-15	NENE 27 12 S 15 E SLB&M	07/30/2006

Please file an appropriate Participating Area application for this well as discussed in our meeting on June 18, 2007.

Pursuant to the same request, it has been determined by this office that under existing conditions the following wells are not capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

API Number	Well Name	Bottom Hole Location	Date of First Sales	Lease
4300731073	13-23-12-15	SWSW 23 12.0 S 15.0 E SLB&M	07/30/2006	UTU11604
4300731008	5-13-12-14	SWNW 13 12.0 S 14.0 E SLB&M	06/02/2006	UTU73665

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Production from these wells shall be handled and reported on a lease basis. If you have any questions please contact Mickey Coulthard of this office at (801) 539-4042.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

bcc: FOM Moab  
Prickly Pear Unit File  
MMS  
SITLA  
DOGM  
Central Files  
Agr. Sec. Chron.  
Fluid Chron  
Tickler (August, 2007)

MCoulthard:mc:7-12-07



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
440 West 200 South, Suite 500  
Salt Lake City, UT 84101  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:  
3180 (UTU79487X)  
UT-922000

AUG 28 2013

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SEP 04 2013

DIV. OF OIL, GAS & MINING

Mr. Matt Mulverhill  
Bill Barrett Corporation  
1099 18<sup>th</sup> Street, Suite 2300  
Denver, Colorado 80202

Re: Automatic Contraction  
Prickly Pear Unit  
Carbon County, Utah

Dear Mr. Mulverhill:

Your letter of August 2, 2013, describes the lands automatically eliminated effective December 31, 2012, from the Prickly Pear Unit Area, located in Carbon County, Utah, pursuant to Section 2(e) of the unit agreement and requests our concurrence. The lands you have described contain 18,487.90 acres more or less, and constitute all legal subdivisions, no parts of which are included in the Prickly Pear Wasatch Mesaverde Participating Area "A-E" and the Prickly Pear Wasatch Mesaverde Participating Area "F". As a result of the automatic contraction, the unit is reduced to 7,139.77 acres.

The following Federal Leases are entirely eliminated from the unit area:

UTU01519B	UTU73671	UTU89234
UTU013064	UTU74388	
UTU15254	UTU75035	
UTU65776	UTU76713*	
UTU69095	UTU77059	
UTU69096	UTU77060	
UTU72054	UTU77513	
UTU73666	UTU79004	

\*Indicates non-committed lease

The following Federal Leases are partially eliminated from the unit area:

UTU0137844	UTU73006	UTU73669	UTU74386
UTU11604	UTU73665	UTU73670	
UTU65773	UTU73668	UTU73896	

You have complied with the requirements of Section 2(e), provided you promptly notify all interested parties. If you have any questions, please contact Judy Nordstrom of this office at (801) 539-4108.

Sincerely,



Roger L. Bankert  
Chief, Branch of Minerals

Enclosure

cc: UDOGM  
SITLA  
ONRR w/Exhibit "B" (Attn: Nancy McCarthy)  
BLM FOM – Price (UTG02) w/enclosure

Wells Removed from PPU per BLM 8/28/2013 Letter

API	Well Name	TWP	RNG	SEC	QTR/QTR
4300730823	PRICKLY PEAR U FED 10-4	120S	140E	10	SESE
4300730014	STONE CABIN FED 1-11	120S	140E	11	SWSE
4300716542	STONE CABIN UNIT 1	120S	140E	13	SWNE
4300730825	PRICKLY PEAR UNIT 13-4	120S	140E	13	C-SE
4300731008	PRICKLY PEAR U FED 5-13-12-14	120S	140E	13	SWNW
4300730953	PRICKLY PEAR U FED 12-24	120S	140E	24	SWSW
4300716045	SHARPLES 1 GOVT PICKRELL	120S	150E	11	SENE
4300730860	PRICKLY PEAR U FASSELIN 5-19-12-15	120S	150E	19	SWNW
4300715016	CLAYBANK SPRINGS 33-1A	120S	150E	33	SWNW
4300730985	PRICKLY PEAR U FED 7-33D-12-15	120S	150E	33	SWNE
4300731226	PRICKLY PEAR U ST 2-36-12-15	120S	150E	36	NWNE

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
**CDW**

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/1/2014**

<b>FROM: (Old Operator):</b> N2165-Bill Barrett Corporation 1099 18th Street, Suite 230 Denver, CO 80202  Phone: 1 (303) 312-8134	<b>TO: ( New Operator):</b> N4040-EnerVest Operating, LLC 1001 Fannin Street, Suite 800 Houston, TX 77002  Phone: 1 (713) 659-3500
--	---

CA No.				Unit:	N/A			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/7/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/7/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/28/2014
- a. Is the new operator registered in the State of Utah:            Business Number: 8850806-0161
- a. (R649-9-2) Waste Management Plan has been received on: Not Yet
- b. Inspections of LA PA state/fee well sites complete on: Yes
- c. Reports current for Production/Disposition & Sundries on: 1/24/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Yes

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 1/28/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 1/28/2014
- Bond information entered in RBDMS on: 1/28/2014
- Fee/State wells attached to bond in RBDMS on: 1/28/2014
- Injection Projects to new operator in RBDMS on: 1/28/2014
- Receipt of Acceptance of Drilling Procedures for APD/New on: 1/7/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 1/7/2014

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: RLB7886
- Indian well(s) covered by Bond Number: RLB7886
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number B008371
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014

**COMMENTS:**

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)  
Effective 1/1/2014

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
JACK CANYON UNIT 8-32	32	120S	160E	4300730460	15167	State	State	WI	A
PRICKLY PEAR U FED 10-4	10	120S	140E	4300730823	14462	Federal	Federal	WI	A
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166	State	State	WD	A
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467	Federal	Federal	WD	A
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092		Federal	Federal	GW	APD
HORSE BENCH FED 5-27D-12-16	27	120S	160E	4300750093		Federal	Federal	GW	APD
HORSE BENCH FED 4-20D-12-17	19	120S	170E	4300750350		Federal	Federal	GW	APD
Horse Bench Federal 16-18D-12-17	19	120S	170E	4300750351		Federal	Federal	GW	APD
SHARPLES 1 GOVT PICKRELL	11	120S	150E	4300716045	7030	Federal	Federal	GW	P
STONE CABIN UNIT 1	13	120S	140E	4300716542	12052	Federal	Federal	GW	P
STONE CABIN FED 1-11	11	120S	140E	4300730014	6046	Federal	Federal	GW	P
JACK CANYON 101-A	33	120S	160E	4300730049	2455	Federal	Federal	GW	P
PETERS POINT ST 2-2-13-16	2	130S	160E	4300730521	14387	State	State	GW	P
HUNT RANCH 3-4	3	120S	150E	4300730775	13158	State	Fee	GW	P
PRICKLY PEAR UNIT 13-4	13	120S	140E	4300730825	14353	Federal	Federal	GW	P
PETERS POINT ST 4-2-13-16	2	130S	160E	4300730866	14386	State	State	GW	P
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E	4300731008	14897	Federal	Federal	GW	P
PETERS POINT ST 5-2D-13-16 DEEP	2	130S	160E	4300731056	15909	State	State	GW	P
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E	4300731226	15719	State	State	GW	P
PP ST 8-2D-13-16 (DEEP)	2	130S	160E	4300731280	16069	State	State	GW	P
PETERS POINT U FED 14-27D-12-16	27	120S	160E	4300750068	18204	Federal	Federal	GW	P
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E	4300730860	14853	Fee	Fee	GW	PA
PETERS POINT ST 6-2D-13-16	2	130S	160E	4300731017	14472	State	State	D	PA
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E	4300730985	14771	Federal	Federal	GW	S
PETERS POINT ST 8-2D-13-16	2	130S	160E	4300731016	14471	State	State	GW	S

COPY

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
2. NAME OF OPERATOR: ENERVEST OPERATING, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list)		8. WELL NAME and NUMBER: (see attached well list)
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:
		COUNTY:
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BARRETT CORPORATION EFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

EnerVest Operating, L.L.C.

1001 Fannin, Suite 800

Houston, Texas 77002

713-659-3500

(BLM BOND # RLB 7886, STATE/FEE BOND # B008321)

BILL BARRETT CORPORATION

ENERVEST OPERATING, LLC

Duane Zavadih NAME (PLEASE PRINT)

Ronnie Young SIGNATURE

Senior Vice President -

EH&S, Government and Regulatory Affairs

N21165

Ronnie L Young NAME (PLEASE PRINT)

Ronnie L Young SIGNATURE

DIRECTOR - REGULATORY

NAME (PLEASE PRINT) RONNIE YOUNG

TITLE DIRECTOR - REGULATORY

SIGNATURE

DATE

12/10/2013

(This space for State use only)

**APPROVED**

**JAN 28 2014 4:00 PM**

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**RECEIVED**

**JAN 07 2014**

DIV. OF OIL, GAS & MINING

Rachel Medina

UDOGM CHANGE OF OPERATOR WELL LIST

Well Name	Sec	TWN	RNG	API Number	Entity	Lease	Well Type	Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	160E	4300730460	15167	State	WI	A	
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166	State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467	Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E	4300731440		Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441		Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S	150E	4300731442		Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443		Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465		Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469		Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092		Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S	160E	4300750093		Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S	150E	4300750095		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S	150E	4300750096		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S	150E	4300750126		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S	150E	4300750127		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E	4300750128		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E	4300750129		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170		Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178		Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181		Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182		Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183		Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188		Federal	GW	APD	PRICKLY PEAR



UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E	4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E	4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E	4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E	4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E	4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E	4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E	4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E	4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E	4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E	4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E	4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E	4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E	4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E	4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E	4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E	4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E	4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E	4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E	4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E	4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E	4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E	4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E	4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E	4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E	4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E	4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E	4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E	4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E	4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E	4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E	4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E	4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E	4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E	4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E	4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E	4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E	4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E	4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E	4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E	4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E	4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E	4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E	4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E	4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E	4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E	4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E	4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E	4300750273	Federal	GW	APD	PRICKLY PEAR

# UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E	4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E	4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E	4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E	4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E	4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E	4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E	4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E	4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E	4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E	4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E	4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E	4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E	4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E	4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E	4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E	4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E	4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E	4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E	4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E	4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E	4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E	4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E	4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E	4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E	4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E	4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E	4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E	4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E	4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E	4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E	4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E	4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E	4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E	4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E	4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E	4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E	4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E	4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E	4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E	4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E	4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E	4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E	4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E	4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E	4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E	4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E	4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E	4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E	4300750322	Federal	GW	APD	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E	4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E	4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E	4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E	4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E	4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E	4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E	4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E	4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E	4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E	4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E	4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E	4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E	4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E	4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E	4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E	4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E	4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E	4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E	4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E	4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E	4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E	4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E	4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E	4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E	4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E	4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E	4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E	4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E	4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E	4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E	4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E	4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E	4300750122	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E	4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E	4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E	4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E	4300750193	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E	4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E	4300750196	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E	4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E	4300750198	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E	4300750199	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E	4300750200	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E	4300750201	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E	4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E	4300750204	14794 Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E	4300716045	7030 Federal	GW	P	

UDOGM CHANGE OF OPERATOR WELL LIST

STONE CABIN UNIT 1	13	120S	140E	4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E	4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E	4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E	4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E	4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E	4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E	4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E	4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E	4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E	4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E	4300730775	13158 State	GW	P	
PETERS POINT U FED 4-31D-12-17	36	120S	160E	4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E	4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E	4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E	4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E	4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E	4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E	4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E	4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E	4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E	4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E	4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E	4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E	4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E	4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E	4300731008	14897 Federal	GW	P	
PETERS POINT U FED 12-31D-12-17	36	120S	160E	4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E	4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E	4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E	4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E	4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E	4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E	4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E	4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E	4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E	4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E	4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E	4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E	4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E	4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E	4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E	4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E	4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E	4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E	4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E	4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E	4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E	4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E	4300731188	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR 11-15D-12-15	22	120S	150E	4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E	4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E	4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E	4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E	4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E	4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E	4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E	4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E	4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E	4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E	4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E	4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E	4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E	4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E	4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E	4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E	4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E	4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E	4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E	4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E	4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E	4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E	4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E	4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E	4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E	4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E	4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E	4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E	4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E	4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E	4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E	4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E	4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E	4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E	4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E	4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E	4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E	4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E	4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E	4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E	4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E	4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E	4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E	4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E	4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E	4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E	4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E	4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E	4300731313	14794 Federal	GW	P	PRICKLY PEAR

## UDOGM CHANGE OF OPERATOR WELL LIST

PPU FED 3-18D-12-15	18	120S	150E	4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E	4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E	4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E	4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E	4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E	4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E	4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E	4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E	4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E	4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E	4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E	4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E	4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E	4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E	4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E	4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E	4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E	4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E	4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E	4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E	4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E	4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E	4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E	4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E	4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E	4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E	4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E	4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E	4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E	4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E	4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E	4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E	4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E	4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E	4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E	4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E	4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E	4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E	4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E	4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E	4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E	4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E	4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E	4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E	4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E	4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E	4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E	4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E	4300731412	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PPU FED 6-21D-12-15	21	120S	150E	4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E	4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E	4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E	4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E	4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E	4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E	4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E	4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E	4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E	4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E	4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E	4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E	4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E	4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E	4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E	4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E	4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E	4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E	4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E	4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E	4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E	4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E	4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E	4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E	4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E	4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E	4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E	4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E	4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E	4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E	4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E	4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E	4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E	4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E	4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E	4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E	4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E	4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E	4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E	4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E	4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E	4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E	4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E	4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E	4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E	4300750027	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E	4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E	4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E	4300750033	2470 Federal	GW	P	PETERS POINT

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PETERS POINT U FED 10-25D-12-16	25	120S	160E	4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E	4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E	4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E	4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E	4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E	4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E	4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E	4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E	4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E	4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E	4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E	4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E	4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E	4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E	4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E	4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E	4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E	4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E	4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E	4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E	4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E	4300750058	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E	4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E	4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E	4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E	4300750062	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 3A-34D-12-16	27	120S	160E	4300750063	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E	4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E	4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E	4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E	4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E	4300750068	18204 Federal	GW	P	
PETERS POINT U FED 14A-27D-12-16	27	120S	160E	4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E	4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E	4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E	4300750078	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E	4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E	4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E	4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E	4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E	4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-17D-12-15	17	120S	150E	4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E	4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E	4300750086	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E	4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E	4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E	4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E	4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E	4300750091	14794 Federal	GW	P	PRICKLY PEAR



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PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E	4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E	4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E	4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E	4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E	4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E	4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E	4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E	4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E	4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E	4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E	4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E	4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E	4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E	4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E	4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E	4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E	4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E	4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E	4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E	4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E	4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E	4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E	4300750143	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E	4300750144	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E	4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E	4300750146	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E	4300750147	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E	4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E	4300750152	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E	4300750153	18347 Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E	4300750154	18350 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E	4300750155	18346 Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E	4300750156	18348 Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E	4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E	4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E	4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E	4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E	4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E	4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E	4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E	4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E	4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E	4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E	4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E	4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E	4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E	4300750231	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E	4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E	4300731017	14472 State	D	PA	

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PTS 33-36 STATE	36	110S	140E	4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E	4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E	4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E	4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E	4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E	4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E	4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E	4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E	4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E	4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E	4300750172	14794 Federal	GW	S	PRICKLY PEAR